

Newham evacuates tower block after safety-test failure

STRUCTURAL failure of a traditionally-built high-rise tower block in east London has led to the gas being switched off and tenants moved out.

Routine tests on Herbert Willig House in Newham, less than half a mile from Roman Point, have shown that the block

could not withstand a blast of 17kN even though it had piped gas in every kitchen. Under government guidelines the block should be able to withstand a blast of 34 kN.

Newham has ordered the gas to be switched off, removed and replaced with electrical appliances.

Initial estimates say it could cost up to £1 million to make the 11-storey block good and the council is moving out tenants while it decides whether to demolish or strengthen and refurbish.

Herbert Willig House, in Holly Bush Street, was completed in 1964. It was not included in government tests following the Ronan Point collapse in 1968 because it was deemed not to be system-built.

It had escaped tests up until this year, when Newham council included it in a review of the borough's high-rise housing stock.

During percussion testing on the exterior of the building, a pre-cast cladding panel on the

sixth floor started to disintegrate. Further tests revealed a very high chloride content in the panels, with several of them being classed as "in a dangerous condition". The tests also showed the structure of the block would not be able to withstand a "minimum" explosion.

The block was designed by the British Reinforced Concrete

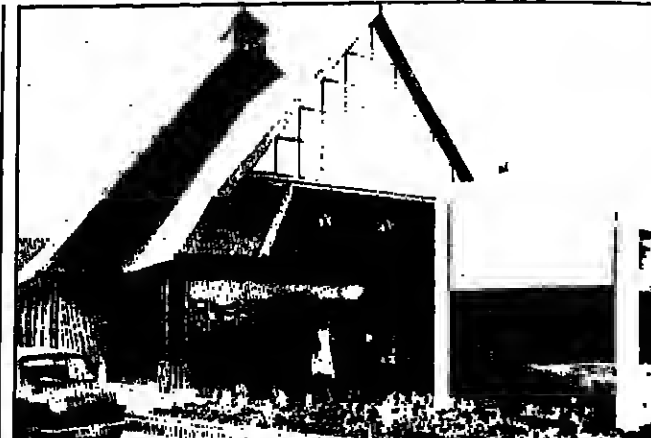
By Alan Thompson

Co. It has a reinforced concrete frame which is a composite of precast and cast in situ components. It is officially classed as having a frame structure and does not come under any government safety guidelines for system-built blocks.

Paul Gardner, Newham engineering department group leader, told *BD* the block was a "one off" and that there were no more like it in Newham. But he said there could be more in other boroughs.

"Until councils do their own structural tests on their housing stock we will never know the full extent of structural defects," he said.

The British reinforced concrete Co is no longer trading.



Barn style appeals

Harrogate's new Asda superstore, designed by the John Trunton Partnership, has resolved a nomination in the 1986 Harrogate District Design Awards. Developers Asda-MFI Group and the architects were commended for "a good example of the 'Essex barn' approach to superstore design which had provided a useful public amenity, slanted to a largely derelict site and upgraded the area as a whole".

The judging panel said "The site planning was excellent, improving the character of Bower Road by putting the offices, express delivery and parking, on the frontage, disguising the sales floor, storage and unloading areas, concealing the car parking from view at the rear of the site and segregating delivery from customers' vehicles. The store, and particularly the parking arrangements, appeared to be well liked by users."

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Regional gap set to widen

HALF of Britain's biggest

ders expect 1986 to be the year than 1985, while 17 per cent believe it will be slacker. The latest state of affairs by the Building Employers' Confederation shows a strong regional variation in activity, with the Midlands and the south working to capacity, while the north slacks, with the exception of Yorkshire.

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BUILDING DESIGN

No 799

The weekly newspaper for the design team

FRIDAY AUGUST 8 1986

Nuclear study under way at last

A £10,000 study into the effects of nuclear attack and nuclear accident on the built environment has been launched by the RIBA.

Funding for the study was almost refused by RIBA Council last year, but was finally secured following the intervention of Richard Rogers.

The institute finally agreed to give £5,000 for the study to complement £5,000 from the Joseph Rowntree Charitable Trust.

Among those working on the study are Alex Gordon, Nadine Bedington, Ted Happold, Kate Macintosh, and Charles Thomson.

RIBA says councils can't cope

'GIVE URBAN AUTHORITIES MORE POWER'

THE RIBA has stepped into the controversy over Government plans for eight new urban development corporations by claiming they should have more power than their predecessors.

The institute, which is fighting to retain credibility for its own inner urban aid initiatives (see back page),

says the new bodies should be much more than "enablers". In a letter to DoE chief Nicholas Ridley, RIBA president Larry Rolland says they

must be funded accordingly by government," he says. The institute's line, based on what it sees as the success of existing corporations in London and Liverpool, is likely to annoy a number of councils which have already told the Government they do not want their own powers to carry out urban programmes given to anyone else.

But Portland Place believes it has become clear that many authorities cannot cope with their inner city problems.

Rolland said: "UDCs have proved that they are able to achieve real progress towards solving problems of inner city decay more quickly than other agencies. Provided that they are now given the necessary powers to ensure their activities are project based and they do not spend too long theorising, then the RIBA wholeheartedly supports them."

Meanwhile the institute is also backing the non-government Phoenix Initiative in its aims to promote public and private enterprise to urban renewal.

Bradman said the plan would be submitted after a design brief by Tower Hamlets council is published in September.

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Friedland Tool Shop. Stockport by Derek Colling. "meticulous and right".

Magnificent seven

Seven buildings have been preselected in the 1986 RIBA Architecture Awards scheme for projects completed between 1981 and three years ago. They range from the familiar, such as Barry Gasson's Burrell Gallery in Pollock Park, Glasgow, already the recipient of several awards, to the homes of David Threlkeld, senior partner in Cambridge Design.

Two industrial projects were praised: the Ryder Nicklin Partnership's Armstrong Works for Vickers in Newcastle — "an organised and excellent piece of architecture" — and the Friedland Tool Shop to Stockport by Derek Colling — "a masterpiece of architecture".

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The strange death of post-modern architecture

REPORTS on the death of post-modernism are greatly exaggerated, according to practitioners and pundits questioned this week, writes John Morrish.

The August issue of the *Architectural Review* features an article by E.M. "Libby" Farrelly kicking the "printed corpse" of post-modernism and replacing it with something called "The New Spirit".

Piers Gough told *BD* he never read the *Architectural Review* unless it has Norman Foster on the cover, but commented: "I think it's wishful thinking, but then post-modernism never was alive in the AR."

"It's a style that second-rate architects are not going to give up yet because it's too convenient." He wasn't convinced that the "New Effing Spirit" would be a success with clients.

"They can't understand it, and they certainly won't want to pay for it," he concluded.

Terry Farrell found the piece "quite amusing", but added: "I thought it was a pretty thin argument."

"I don't believe there's a specific thing called post-modernism. It means the age of modernism. We are all post-modernists now, even the 'new spiritualists'," he said.

The New Spirit looked like an amalgam of Chernikov and Punk: "The Russian Revolution lives in East London with a safety pin through its nose."

He said some of the latest post-

continued page 3

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Application forms and further information from Miss J. B. B. telephone 061 872 3101 ext 4499. Application forms return to the Borough Council, PO Box 19, Trafford Town Hall, Trafford Road, Trafford, Manchester M18 0YK. Closing date: August, 1986.

Spitalfields set for major design battle

A BATTLE of contrasting architectural styles looks set to break out over Spitalfields Market on the edge of the City of London.

Developer Rosehaugh Stanhope has commissioned Leon Krier to draw up a master plan for the market.

London & Edinburgh Trust has hired MacCormac Jamieson & Pritchard and Fitzroy Robinson.

Krier wants to produce a classical design. He told *BD*: "I would only work on the plan if I could use traditional classical architecture to design individual buildings."

Rosehaugh Stanhope director Godfrey Bradman said that Quinlan Terry, Robert Adam, Terry Farrell and Jeremy Dixon had all been lined up to work on the scheme.

He added that other architects were likely to be used, and that Krier might design one or two individual buildings, although Krier said pressure of work would restrict him to the master-plan only.

The original Fitzwilliam building was designed by George Bassett in 1834 and its execution was overseen by C.R. Cockerell and B.M. Barry. Post-war extensions were designed by David Roberts.

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Waiting in Cambridge

AN announcement is imminent about the winning architect in the limited competition for an extension to the neo-classical Fitzwilliam Museum in Cambridge. Proposals have been submitted by Demetri Porphyrios, Nicholas Hare, and Colquhoun & Miller.

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PREVIOUS WINNERS

Chris Williamson

Chris Williamson's winning entry related to energy conservation improvements in Leicester University Library.

With the prize money, Chris travelled to the USA, to gain architectural experience in Manhattan and Los Angeles.

On leaving college, working for Michael Hopkins Architects, he was involved in the creation of the Patara Factory System Unit.

Chris entered designs for the Kew Gardens Exhibition Hall (1982) and the ICI Exhibition Hall for the Royal Agricultural Show (1984), being placed in the final seven.



1981

David Milns

David Milns' winning entry related to the design of a retail store with retained facade of the listed building that occupied the site.

David used his prize money as deposit on a terraced house to which he applied the principles of refurbishment with energy conservation.

On leaving college he worked on refurbishment projects. Now he works for McCol, a multi-disciplined practice - deeply committed to conservation design - combining architectural, interior design, graphics and product development divisions.

1981



1983

Duncan Bower

Duncan Bower's winning entry involved the refurbishment of a warehouse 13 on the Hull Marina site, converting the top 5 floors into flats and weekend cabins, over a new social/sailing club.

Duncan's design used passive/active environmental principles to produce an energy-efficient building with resultant low cost-in-use.

Currently at Sheffield University, Duncan completes the course for his Diploma in Architecture in Summer 1986, and then his career can develop in whatever direction he chooses.



1983

Riverside offices get go-ahead

PLANS for 9,346sq m of offices next to Tower Bridge have been approved by environment secretary Nicholas Ridley after a public inquiry.

Designed by Cecil Denny Highton & Partners, the building will replace the redundant Courage brewery.

The office development was first proposed in 1984 as a refurbishment project, but the developer claims it became unprofitable after VAT was extended to building alterations in the 1984 Budget.

Subsequent proposals to demolish and rebuild were turned down by the London Docklands Development Corporation and the DoE ordered a public inquiry.

The building will be predominantly red brick with a central full-height glazed entrance leading to an atrium. Construction is due to start early next year.

'Death of post-modernism'

from page 1
modern work already used similar motifs, and claimed AR reflected British puritanism about commercial work. The magazine would not have recognised the great cinemas or the Hoover factory at the time.

Critic Gavin Stamp said modernism itself was dying 15 years ago, but still carried on. He objected to post-modernism as "pretentious and visually illiterate", but added: "I'd rather have that than the stuff coming from the AA."

"I suppose it's the American side of post-modernism which I find so nauseating. They take themselves so seriously."

James Stirling is on holiday.

More fee cuts on the way for Glasgow architects

GLASGOW architects are protesting at the city council's plans to cut fees for grant-funded housing repair projects by 33 per cent.

The council is proposing to:
● cut the maximum fee for architects services from 15 to 10 per cent;
● reduce the percentage of fee recoverable at tender stage from 75 per cent to 25 per cent;
● slash the fees for extra work on the contract to 2 per cent.

A spokesman for the Glasgow Institute of Architects said this week that if the council's proposals go through, the profit margin in many small jobs

By Alan Thompson

would disappear and cash flow problems would be introduced into larger projects.

An RIAS spokesman voiced concern over the cuts. "We have set our fee scales and if the client insists on a lower fee level the quality of service must become inadequate," he said.

Assistant housing director Roddy McDowell told BD: "We want value for money in our housing repair programme. This fee level is still reasonable."

At least four architectural practices in the city are affected by the proposed cutbacks, but as

the amount of work in the area declines, they feel they could be forced to take on this work at no profit merely to stay in business.

But the RIAS is resigned to some cuts and is currently involved in a damage limitation exercise.

Glasgow council has already agreed to raise fee availability at tender stage to 50 per cent and is discussing improvements on the 10 per cent fee.

Glasgow architects have already been asked by the local health authority to cut their fees.

News



Heals straightens up

Work started this week on ripping out the curved windows in the Heals building on Tottenham Court Road as a first stage in restoring the shop with its original 1913 plate glass frontage (above right), designed by Cecil Brewer.

The Thirties Society fought Heals' application to demolish the 1936 windows (left) but lost the case in December 1984.

Heals wanted to remove the windows because of wasted display space, reduced natural light in the shop and difficulty of viewing from the pavement.

Installation of the new flat frontage should be completed by the end of the month but all is not lost to aficionados of Sir Edward Mordaunt's curved glass windows, because part of the 1930s shopfront will be preserved by the Hatterhouse and the Pilkington Glass Museum.



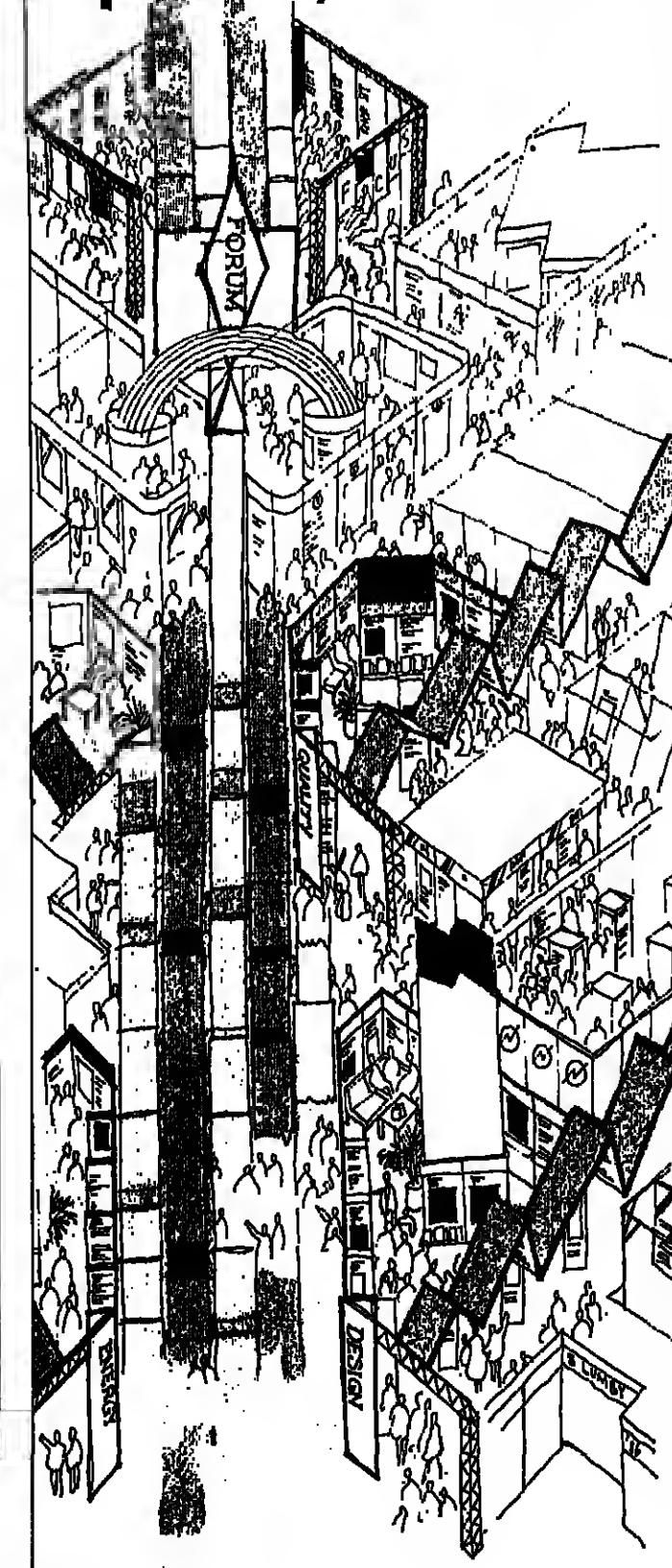
Roman holiday

TWO scholarships have been awarded by the British School at Rome this year.

Nicholas Temple, a graduate from Magdalen College, Cambridge, is the Rome Scholar 1986.

A special one-year scholarship has been awarded to Rejen Desai.

At last an exhibition designed for the specifier, not the salesman.



In recent years new exhibition ideas have been few and far between. So we asked 4,000 leading industry professionals to design their own trade fair: the result - Building 86, a new concept in exhibitions; a show created by the visitor for the visitor.

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- New Products in the Market
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- Energy in Buildings
- Refurbishment Repair and Maintenance
- London Docklands

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'Rigid' planning system must go

From Brian Pridoux
THE paramount need for the reintroduction of flexibility to the town planning system will have a profound impact on the approach that architects should be taking in environmental improvement.

The proposed changes in the Use Classes Order, apart from some relatively minor and obvious amendments, fit the new broad approach required to plan environments into the 21st century.

We can no longer allow our town planners to hide behind the present often inflexible interpretation of rigid and restrictive policies. Instead, we can have a positive and freer interpretation, as often already seen in the deprived areas where new investment requires encouragement, but not often seen in the green belt zones and suburbia where investment pressure is greatest, and inflexibility is the easy option.

The proposed "employment generating space" use creates the opportunity to be flexible not just in town planning, but in the architect's solution to town-scapes and building design. Not having to say "this is an office" or "this is a factory" will raise a challenge to all architects involved in design. How flexible can our clients afford to be? How permanent is this building to be?

The final design will depend on the architect's clients' overall philosophy and courage. To aid their approach, a redefinition of terms is required. A town planning application requires to know the gross area of a building irrespective of the amount of usable area, ie job-generating space and essential internal infrastructure. In addition, improved technical standards are increasing the complexity of external wall design. Many older buildings now undergoing refurbishment have a large volume in relation to the usable space.

Thus "gross area" should be redefined as "gross internal area" excluding the external walls and architectural features from the calculations. As a result the architect has a more flexible approach to designing the building envelope, whilst still achieving the required internal space.

An investing institution need not concern itself with the net to gross ratios, which in themselves are meaningless, but can instead concentrate on the quality of flexibility created internally within improved envelope.

The other financial advisers to the client, chartered surveyors and quantity surveyors can work more simply with only one set of basic figures.

How does this relate to the new Use Classes Order? It enables an immediate correlation to be made between the usable space created and the number of users within the sub-classifications to each proposed use.

The parallel exists already in residential town planning applications. The question "how many habitable rooms?" dictates the number of occupants and the theoreticians planning our towns for the 21st century only need to apply one set of criteria. Much easier and therefore more flexible for all if applied to all forms of building.

Stereotyped irrelevance

From Peter Ahrends
IN his letter replying to Abe Hayem's appeal to architects against apartheid, Laurie Cadell claims that some of us have been "taken in" by what he describes as Abe's biased propaganda (June 25).

Cadell's letter is a classic example of a knee-jerk reaction. Almost unbelievably, he trots out completely stereotyped views about how South Africa will be taken over by the Russians (in the 60s it used to be the Chinese) who, he tells us, also control the ANC. Biased propaganda?

His point about the fine architecture built in South Africa is absolutely irrelevant to the urgent need to remove the current regime, once and for all. This "fine architecture" (by whites, for whites—remember!) is as nothing compared with the atrocious suffering and oppression experienced by the black majority day by day, hour by hour under the malignant in-

struments of a white minority government whose time is all but up.

Why not re-examine your priorities, Cadell—it's not too late to change your mind.
Peter Ahrends
London NW1

'Red bogey' plays again

From Victor Bretnan
IF Laurie Cadell is worried about Russian influence on South African architecture (July 25) perhaps I can put his mind at rest by assuring him that much of the post-war high-rise developments in the Soviet Union are just as ghostly as some of our own identical schemes. (I also plead guilty.)

Indeed, it is a matter of regret that to some extent, modern architecture is becoming more universal—perhaps of necessity—and lacking national character. On the other hand, the expertise with which the Soviets have restored fine works desecrated by the Nazi invasion is magnificent.

Having criticised Abe Hayem for being more interested in politics than architecture, Cadell goes on to do just that. We can always rely on the "red bogey" to cover up our own misdeeds. I used to hear the same tune in the 1930s from Dr Goebbels to excuse Nazi atrocities.

Cadell and his ilk should heed the words of Malcolm Fraser of the Eminent Persons Group to understand why black South Africa is coming under Russian influence. Many politicians in the West cannot look further than the ends of their noses. Without apartheid there would be no Soviet influence, just as there would have been no Castro without Batista, no Ortega without Somoza and indeed no Lenin without the Tsar.

While there is poverty and injustice it is pointless to talk of Russian influence or, for that matter, to squander resources only to increase that influence. Architects, of all people, should tackle the fundamentals, not concern themselves only with the consequences.

Victor Bretnan
Buntingford
Herts

Energy design below par

From Adrian Atkinson
PETER Benwell's defensive letter (August 1) concerning Ted Stevens' report on architects

and energy conservation does need a response. I have recently been involved in investigating all kinds of energy work being undertaken at the local authority level. I have recently produced a report for the Centre for Local Economic Strategies that looked at "best practice" and am working with a number of local authorities in the South East under the umbrella of the South East Economic Development Strategy Association (SEEDS).

There is no doubt that SOLACE (and STCELA) and LAMSA are doing sterling work in helping local authorities to become more energy-efficient, but the focus of these, and the Audit Commission's interest in energy as well, is on remedial measures to a building stock which, on the whole, doesn't lend itself well to cost-effective improvements. Much of this work is co-ordinated by a new profession of "energy managers" working through local authority finance or technical services departments, rather than directly through architects.

The job of architects is therefore mainly to ensure that all new buildings are inherently energy-efficient. Certainly some architects have taken energy on board as a major design issue and many local authorities now have one or more "energy demonstration schemes". However, the bulk of buildings under construction, while more energy-efficient than they would have been in the past by dint of the Building Regs, are still far short of current "good practice" in terms of energy-efficient design.

My impression is that the problem is not simply a technical one but has something to do with what architects are trained to think their job is primarily about, abetted by a general public that endorses that role—in the end to the detriment of building users. "Style" is the preoccupation of the architectural process and the various functional needs follow—the subtleties of passive solar design become peripheral except in those cases (and practices) where energy-efficiency is made a priority.

But Cheshire County Council's Wallasey school, built in 1961 and demonstrating enormous energy savings, remained an isolated example. We may have to be content with an approach such as the Milton Keynes Pennylands housing, which, while looking very like any other spec-built house, nevertheless cuts energy costs by 50 per cent at very little ad-

ditional capital cost. Technical aids to architects are increasing. The RIBA's energy group has done sterling work over the years. There are now specialist courses on energy in building, although the regular undergraduate courses have a long way to go. The DoE has available a computer disc aid to energy-efficient design, developed at the Open University, and is also producing a manual on passive solar design.

So I am somewhat sceptical of Peter Benwell's hard sell of the concern of architects over energy-efficiency and suspect that it will be a while before anything like the promise embodied in available energy-efficient design aids is realised. It will probably have to await the day when energy-efficient design coincides more closely with prevailing fashion. Theo again, perhaps the Energy World exhibition under construction at Milton Keynes will shift things in this direction.
Adrian Atkinson
London NW1

Institute contribution

From Michael Simpson, RIBA secretariat
THE results of your energy supplement poll which found architects uncommitted on energy efficiency, although disappointing, were not surprising. It would appear that the relevance to good architecture of energy-efficient design is insufficiently grasped and that the interest shown in it during the 1970s was nothing more than an ephemeral trend.

Through its various initiatives for Energy Efficiency Year 1986, the RIBA is attempting to re-establish energy efficiency as a real architectural issue. For example, the RIBA and CIBSE have jointly allocated an additional £12,000 to the multi-professional regional energy groups to help finance a wide range of additional activities aimed at developing a longer term interest among all the building professions in energy efficient design.

Miles Scott's reaction to the poll (Letters July 18) is interesting, not because it offers a convincing explanation of its findings, but because in questioning the need for architects to care at all about energy it fails completely to understand the importance of energy efficiency as a fundamental principle of building design.

Two simple facts illustrate the point. First, more than 50 per cent of the nation's primary energy is consumed in buildings. This is more than for any other single sector of the economy. Secondly, a concern for energy efficiency is a concern for the economy, health and comfort on behalf of the client. Low-income families in today's hard-to-heat tower blocks will have little sympathy for the view that energy efficiency is the concern of physicists and politicians rather than architects, who claim to possess the requisite design skills.
Michael Simpson
London W1

Robbers and masochists?

From James Mitchell
JACK Torrance (July 25) writes of the relationship, in his opinion, between professional practice and madness and lists, in the form of questions, the burdens of being in professional business.

As he puts it, one might be persuaded that professional practice could only be for masochists and he offers no reasons why anyone should reasonably set up in business as a design consultant.

The fact is that people still do so and some are remarkably successful commercially. It would seem that the risks and problems of being a practitioner are regarded as being acceptable in relation to potential rewards. On the other hand, it may be a decision of last resort in some cases. Employers do not necessarily possess the skills and professional judgments required of employees and may find it quite impossible to obtain employment in the market place.

Torrance also refers to the two decades from the mid-50s to the mid-70s as "great years of imaginative and innovative design". Others may take the view that these were the years of design and construction disasters, the social and economic consequences of which are, even now, not fully realised.

In his final comment, Torrance refers to a tv serial about train robbers and it may be that he is suggesting that this has some relationship with business practice!
James Mitchell
Aberdeenshire

Quality, not quantity

From Richard Burton
YOUR comment (July 25) under the headline "A bridge too many", about our scheme for a bridge over the Thames south of Charing Cross Station, seems to play important and direct attention to an irrelevant aspect of our suggestion.

What matters, surely, is not who thought of it first but whether it's worth doing. The idea has attracted even more architectural minds than you suggest, the record going back until at least 1857 and includes Lutyens. I was inspired with the idea by my stepfather, Sir Gerald Barry, in 1951, and in 1982 invited Richard Rogers, Ove Arup, John Hawley, Brian Richards and others to work on a scheme for the Thames together. Later, Cedric Price and Terry Farrell made proposals for the site to a group of students who have also done so.

What seems important to me is not how many others have had an idea, nor in which order they thought of it, but what that idea may be. That so many of us are thinking of a link between the South Bank and Trafalgar Square indicates, surely, the growing possibility that such a bridge might be built, linking north and south in a way long overdue.
Richard Burton
London NW1

In the teeth of the DES

From Peter Jacob, deputy head, Kingston School of Architecture
THANK you Scorpio (August) for the free publicity for the Kingston School despite the inaccuracies and the inevitable ambiguity.

I am sorry to disappoint you but it is not a subtle change of tack, not a self-inflicted attack on conservatism, nor an inner cabal, nor even is it post-Edwardian paranoia—whatever that might be.

It is simply the unrelenting and depressing effort of maintaining a part-time staff in the face of the unending demands of Education and Design.

Inadvertently the age of the blood has nothing to do with youth and enthusiasm, witness the late Walter Segal.

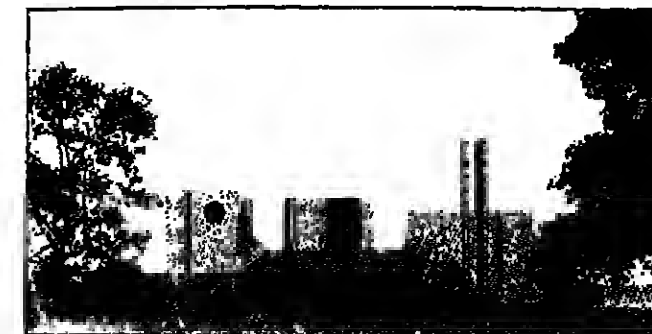
Peter Jacob
Kingston
Hannah Voyles, who has been able for Kingston's first year, has resigned in protest at the "cuts". Ed.

Infill



On the ball

Architects practice Lewis & Hickey organised the Archbold rounders tournament last month and raised £711.80 for Sportaid. In addition to their team (pictured), practices involved included Newnam Levinson, and the winners, GNV Partnership.



Best of Yorkshire

To those for whom the word coalmine conjures up visions of grimy tin hatches and stark winding gear—Selby may come as a surprise. Architects Fletcher Ross & Hickling are the joint winners of the RIBA Yorkshire region's new architecture award scheme for the buildings pictured. The other winners were Jones Stocks & Partners, for the Lawson Library at Leeds Grammar School.

Commendations were awarded to the planning and development department at Southferry Borough Council, for housing for the elderly at Belton, and the Architecture & Design Partnership for the Trattoria Alla Scala restaurant at Huddersfield.



Royal favourites

Prince Charles made a surprise visit to the Duchy of Cornwall-owned Newquay House to Kennington two weeks ago, to meet tenants and architects and to give the royal nod to the RIBA/Hunt Thompson modernisation and transfer of ownership scheme for the block.

The Duchy has accepted a plan which includes the sale of the block to a housing trust, which would finance the purchase using a low-cost index-linked loan, hopefully from the Halifax Building Society. A tenants cooperative would then be given the responsibility for management of the block under a lease from the trust.

Hunt Thompson's role was two-fold: they had to demonstrate that selling the block off could be a commercial proposition and show the tenants that they would also benefit from the changes in ownership of the block.

The architects set up an office in Newquay House and, using pro-tem community architecture principles as applied to the successful Lee View House Project in Hackney, got the tenants involved in the scheme. They saw dramatic swing in tenant opinion in favour of the transfer of ownership and the modernisation scheme proposed.

Financial negotiations are now going on, mainly with the Halifax's housing development controller David Courtile and other financial institutions. But it should go well. Prince Charles is known to be enthusiastic. RIBA president Larry Rolland is keen to see it succeed, and the tenants are convinced that they can only benefit. The picture shows architects Carolyn Dove and Ben Derbyshire talking to Prince Charles at Newquay House.

BUILDING DESIGN

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The Editor's Comment



An unholy combination

BEFORE turning to the problem of rented housing, as promised last week, it seems appropriate to mention the House of Commons stock market debate on the EEC's determination to impose VAT on new private housebuilding. Fortunately for the construction industry, John Heddle MP has been diligent in monitoring this subject, and his speech in the last adjournment debate before the Parliamentary recess was a cogent argument against the imposition of this tax. In passing, however, he noted that some people believed VAT would be subtracted from the land price by builders, thus leaving the consumer no worse off—an echo of my argument last week. Heddle describes this as "theoretically a neat proposition" (I have cut out the lines from Hansard ready for framing), but claims it ignores two factors: first, the chaos of a transition period where people are taxed on schemes where the land was bought at the pre-tax price; and secondly that landowners will withhold property if the price

drops, thus forcing them back up again. There is no reason why VAT on private housing should not come in at some time in the future, thus giving people time to prepare; as to what Heddle described as the price of land being "very sticky downwards" I dare say he can recall the property market in other than its present balm condition. The price of land should not be a sacred cow. That it is in danger of becoming so is because of the dearth of private rented accommodation in this country, a thoroughly unhealthy situation which the political parties do not appear much interested in doing anything about. To be fair, individual MPs such as John Heddle have come forward with positive proposals, for instance compelling councils to hand over property which has been empty in their care for more than six months to people on waiting lists prepared to undertake necessary repair work. But neither Government nor Opposition seems interested in carrying out the one piece of legislation which at a stroke

could transform the market—which is to declare that from a certain date, all new tenancies would be uncontrolled as to rent, but would have the same sort of security of tenure as enjoyed by tenants of commercial property. Who will deliver us from the yoke of the Rent Acts? Some believe Nicholas Ridley is attracted to the idea, but to be of any use, it is vital to get a measure of all-party agreement. No doubt there will be cross-bench opposition to the VAT question, and as readers will recall, I detect VAT as much as the next man. However, even the Government in logic resist Europe's demands when it has already conceded over this tax in relation to repair and maintenance of our building stock? I fear the pass has already been sold.

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Landscape news

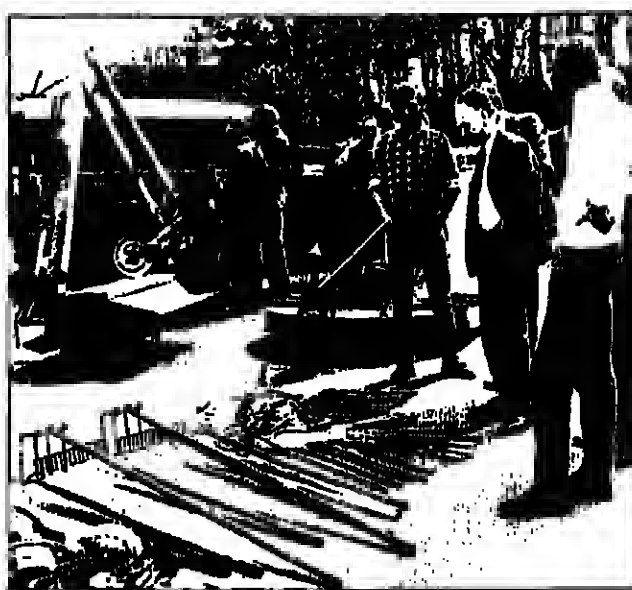
Getting it right by accident

DEVELOPER Speyhawk has discovered by accident what the profession has been urging for decades.

At the River Thames Trust's annual conference, sponsored by Speyhawk, the company's founder and joint managing director, Trevor Osborne, described an ambitious employment park scheme.

The 68in Thames Valley Park, site of the now demolished Reading Power Station, needed a good deal of reclamation, land contouring and civil engineering to prepare it, and Speyhawk engaged planning, engineering and landscape consultants early on.

The concept was of buildings within a landscaped setting. "Only later did it become apparent what was happening," said Osborne. "We were creating a landscape and then within that landscape putting buildings." BDP are landscape designers and engineers for the park.



Ten years ago the Countryside Commission put £45,000 a year for three years into an experiment in the positive management of the countryside on London's northern fringe. Together with Hertfordshire County Council and the London Borough of Barnet, it appointed a project officer or "countryside manager" whose job was, it could be said, to "manage the countryside".

He organised modest improvements and repairs, for instance to stiles, fences and waymarking of footpaths and bridleways, and repair of hard-worn paths and tracks; he worked to create better relations between farmers and landowners on the one hand, conservationists and people using the countryside for recreation on the other; worked to increase townspeople's understanding of the countryside and to remove or lessen causes of friction.

In 1986 countryside management in Hertfordshire is no longer experimental. It is an established service covering the whole of the county as well as the Barnet green belt, with 28 full-time staff, 17 part-time rangers and 150 volunteer rangers. It now has the back-up of machines and power tools on a scale undreamt of in the early days. Its budget is some £300,000 a year.

Contenders line up for leading role in Whitehall

WITH the retirement this month of Michael Porter, one of the top government landscape posts is up for grabs.

By Tony Aldous

His first landscape architect, built up the profession's presence in a team of 10, including seven

regional landscape architects, working alongside highway engineers and planners but providing an independent professional view.

At one stage it was feared that he would not be replaced, and that an administrator would be brought in to head the section. But his post was advertised in selected Whitehall departments, and applications closed a week ago on the day he retired. The post is at superintending grade (Grade 6, counting down from Cabinet secretary level), with a salary range of £19,370 to £25,652 (including London weighting).

Possible successors include the two most senior members of his team, Leo Kramer and Don Dyke. From other departments, Charles Smart of the Welsh Office could be considered a strong contender, as might Michael Ellison, the head of the Property Services Agency's landscape team and part-time professor at University College, London.

For Ellison, success would bring no gain in status or salary, but some of his colleagues think he is looking for a change.

Opening up the country

THE Countryside Commission is helping to fund an experimental project by East Sussex County Council to design, equip and promote a series of "circular walks" on the South Downs above Brighton.

A seminar at Sussex University in July heard how people from inner-city or suburban areas often lacked confidence to strike out along what might be poorly marked, badly obstructed rights of way.

The first set of circular walks, ranging from three to seven miles, aim to stimulate confidence in the countryside by providing them with well-marked, well-maintained paths, of gates, stiles and bridges in good order, and by providing leaflets to help them find their way. An expected bonus is a special Ramblerbus service laid on by Brighton Hove & Districts Company.

On the whole the results are impressive — though when members of the seminar looked at the paths, they found that some of the new signposts did not always convey what the designers intended.

This confirmed my belief that 99 per cent of signposting is done by people who know the way to reassure other people know the way.

UK festivals

UK garden festivals are the subject of the Landscape Institute 1986 National Conference to be held from September 17-20 at Keele University, Staffordshire. Details from Colin Goodrum, 021-358 5611.



Part of Alan Bloom's garden in Bressingham, Norfolk.

Blooming dales

Among the five or six largest nurseries in Britain, Bloom's at Bressingham on the Norfolk/Suffolk border is very much a family affair.

Alan Bloom, son of a gardener who specialised in cut flowers, carved it out of at times desolate heath fen and rundown farmland near Diss. When he bought the place it was described as a "small gentleman's sporting estate". Now the Bressingham Plant Centre opens seven days a week, has 18-20,000 plants in stock, and employs more than 200 people.

Its centrepiece is a new building, consisting of six interconnecting timber and glass hexagons, which houses bookshop, garden equipment, lawnmowers, and coffee bar. Hand-made, appropriate and practical, it was designed not by an architect but by a building surveyor, Richard Pithor of Diss.

Bressingham is a tourist attraction in its own right. Bloom is a steam power fan and now has 20 odd steam railway engines; four separate railway lines in various gauges from 15-inch to standard; a museum of railway equipment and memorabilia and a remarkable collection of steam-powered farm and road vehicles.

The steam collection and the Bloom

garden, extending from his covered Georgian farmhouse, are open on selected days and have seen 60,000 people on a single weekend.

Alan reckons to work in the week, much of it in the garden and on the railway. How many of those who ride the 2ft gauge railway line past the old man in the black potting cap is the chairman of Bloom's Nurseries and author and publisher of a new 140-page paperback which tells their story.

Last June Bloom's was celebrating its 40th birthday. It was founded by his father's 80th year, his 60th year as a nursery man, the 40th anniversary of Bloom's 22 years of the steam museum.

The story of Bressingham garden nursery, steam museum, by Alan Bloom is published by the Bressingham Steam Museum Trust, price £3.50. This and other books by Bloom's Nurseries are available from Bloom's Nurseries, Bressingham, Norfolk, IP22 2AB. Post-free prices are £3.95 (the story) and £4.95 (the story and the Bloom

Scorpio



Arabian flights of fancy at Olympia

ANXIOUS to combat bad publicity about floggings, amputations and worse — like blanking out the Royal kiss in photos of the Duke and Duchess of York — the Saudi Arabians have spent a reputed £12 million in staging the "Riyadh — Yesterday and Today" exhibition at Olympia which closes on Sunday.

Apart from television advertising and posters on the back of virtually every London double-decker, this has brought together designer Jasper Jacob (good Arab name) and builder Kimpton Walker who had practised on the elaborate stage sets for "Starlight Express".

Ten tons of desert sand were imported to surround replicas of old Riyadh with an oasis and palm trees, a well, and Bedouin tents from the pre-oil boom days. Models of modern buildings and a day-to-night lighting effect last 15 minutes fill a dome structure representing the modern capital.

I gather the show has been visited by the Interbuild organisers planning the 1987 National Exhibition Centre spectacular. Its designers have been busy with their sketch pads, though whether Bryan Montgomery and his team will have the sort of funds necessary to transform Birmingham into an oasis remains to be seen.

Scene and heard

NO prizes for spotting the error emblazoned across the front cover of the new 1985/86 *London Region Yearbook* of the RIBA. The photograph is a spectacular aerial view of the Royal Naval College, Greenwich — but reversed so that the Royal Observatory is now in the wrong hemisphere!

● THE Chartered Institute of Building is trying to persuade graduates that the construction industry offers alternative and attractive prospects to those on offer from Big Bang City brokers. No, it is not offering double the usual meagre salaries, but it has devised a competition for sixth-formers "with the aim of improving the 'Auf Wiedersehn' 'Pet' image" of muddy wellies and an endless supply of Newky Brown slie.

● TENANTS of Newquay House in Kennington, south London — their landlord is the Duchy of Cornwall — are expecting a massive hike in their rates bills following the acceptance of Mount Thompson Associates' feasibility study for improvement of the Louis de Soissons, 1930s block.

A two-bedroom flat on the run-down estate currently costs £70 per month — £600 a year — in levies to the People's Republic of Lambeth. This sum is likely to be increased substantially once the flats are turned into bijou co-op residences which would command a price tag of £60,000-plus on the open market.

● BOOKS on Prince Charles will be published thick and fast over the next few months, as the heir to the throne continues to generate public interest with his amusing views on architecture, the inner cities and social welfare. One due out shortly from W H Allen is on the

Prince's inherited love of the spirit world; the other, by *Private Eye* columnist and Channel 4 presenter Penny Junor, is a "frank" biography which is being kept tightly under wraps until a spring 1987 launch.

Socks for celebrities

THE last issue of *Private Eye* went to town on style journal *Blueprint* by suggesting that the price of getting your mugshot on the front cover is 100 pairs of Paul Smith "designer" socks (recommended retail price £7 per pair). Apparently this was a gesture of gratitude for being so prominently featured.

But I hear that there has been another beneficiary of Smith's largesse: when CZWG partner Piers Gough appeared on the telly recently wearing a Paul Smith jacket, he received shortly afterwards a parcel from a grateful Mr Smith containing — yes — another two Paul Smith jackets!

Return to Ronan Point?

THE PSA is selling off ex-War Office married quarters built in 12M JesPerson. The problem-plagued system used at Hulme in Manchester.

During the mid 1960s, 2,000 12M JesPerson homes were built by the Ministry of Public Buildings & Works at Aldershot, Bordon, Larkhill, Tidworth and Gosport. All were finished by May 1967, one year before the Ronan Point disaster.

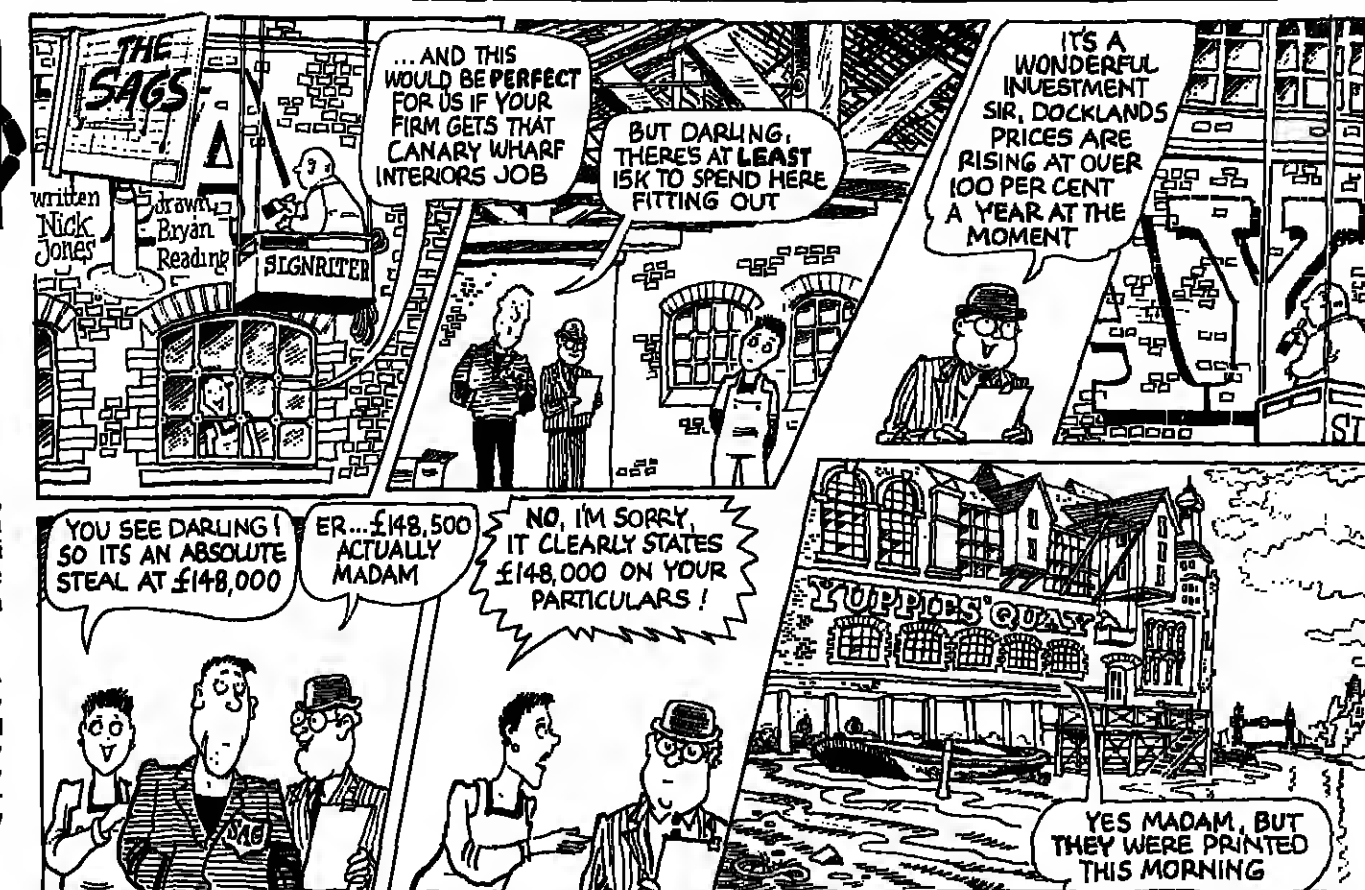
Latest to come on the market is a 10-storey PSA block of 120 flats in Gosport, formerly used as Navy married quarters.

After conversion the flats will be sold on the open market. What happens if an owner occupies then installs gas? In view of the minister's warning to local authorities in October 1984 to check their system buildings, shouldn't he ask the DoE to ask the PSA to check theirs? After all he is the landlord.

10 years ago

THE RIBA has come out against the use and creation of comprehensive design guides by local planning authorities. The Institute's evidence to the Environment Sub Committee of the House of Commons Expenditure Committee states: "The RIBA does not believe that detailed design guides... are likely to serve a nationally useful purpose". *Building Design*, August 6, 1976.

Statistics



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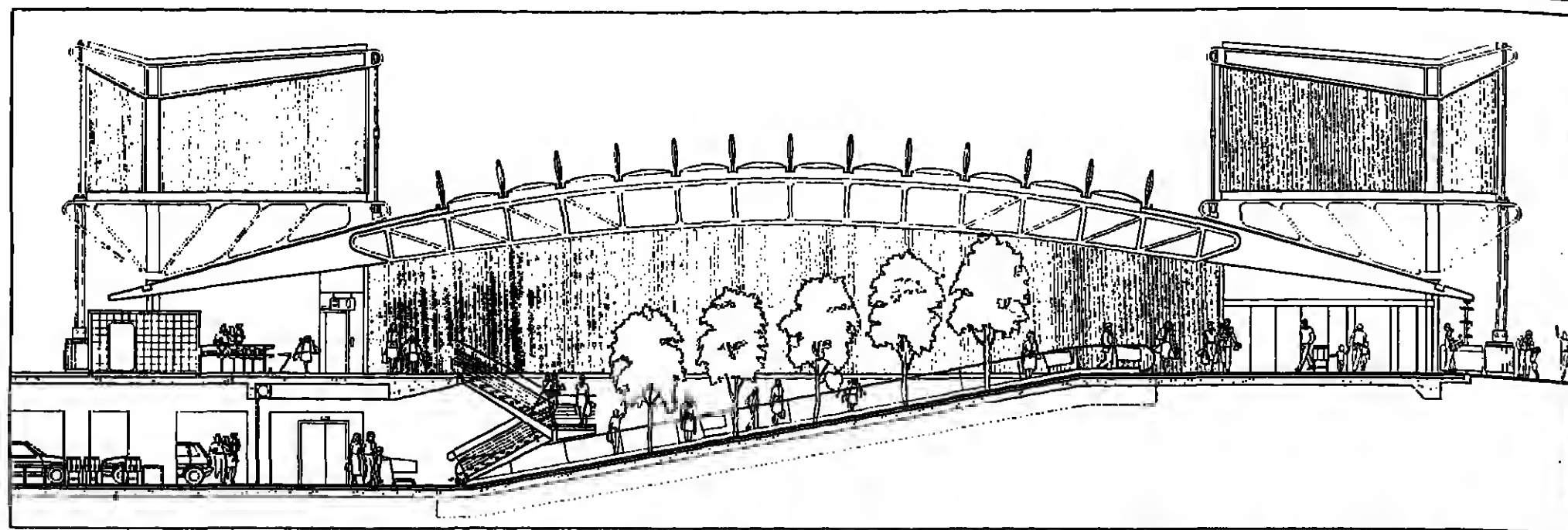
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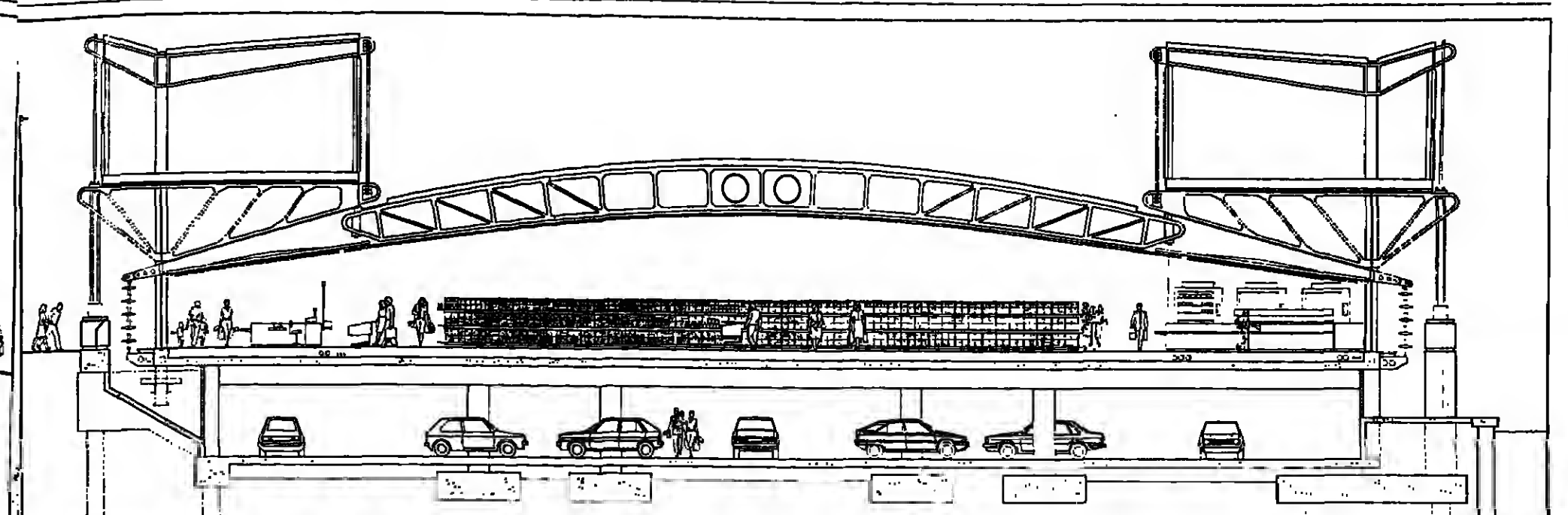
SOLAGLAS

THE RIBA has come out against the use and creation of comprehensive design guides by local planning authorities. The Institute's evidence to the Environment Sub Committee of the House of Commons Expenditure Committee states: "The RIBA does not believe that detailed design guides... are likely to serve a nationally useful purpose". *Building Design*, August 6, 1976.

Perspective



Section through entrance mall with glazed roof.



Section through main superstore hall.

CHAIN REACTION

London's most spectacular superstore is under way, to designs by Nicholas Grimshaw & Partners.

DEMOLITION of the ABC Bakery in Camden Town began this week to make way for Nicholas Grimshaw & Partners' ambitious development for J Sainsbury.

The practice was brought in last November to replace Scott Brownrigg & Turner (after outline planning permission had been given) as part of the super-market chain's policy to raise its architectural image. Grimshaw's scheme, which also ran into some local controversy, includes canalside housing, workshops and a creche as well as a 5,600sq m superstore with 300 parking places.

The high-profile site is bounded by Camden Road to the south, Camden Street to the east, Kentish Town Road to the west and the Grand Union Canal to the north, and presents an opportunity to bring new life to a derelict and unattractive urban block with architecture that is inashamedly contemporary.

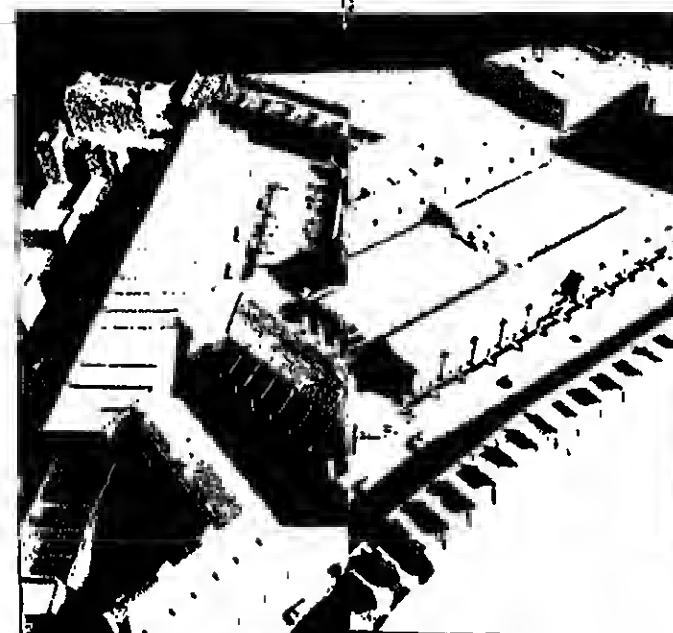
The intention is to produce a finely detailed building in present-day materials — primarily glass, steel and aluminium — while responding to the urban grain and scale of the location. Both the workshop block and superstore will be replacing

buildings less sympathetic to the scale of their surroundings.

The store itself presents a heroic face to the street, in sharp contrast to the self-effacing appearance of many buildings of this type. Instead of blank walls there is a fully glazed shopfront revealing all the activity within the store. Adjustable louvres protect the store from direct sunlight and at night close to form a security screen.

In response to the demand for completely column-free space throughout the sales area, a structural form has been developed whereby the centre span is supported by steel cantilevered elements which are counter-balanced by a steel tie at the back of the pavement line. In fact, a completely column-free retail area has been achieved with structural spans of 40m.

A "market hall" feeling is given to the store by the gently curved centre span and ceiling,



Site model viewed from the south.

while the supporting structure is expressed on the outside of the building, ensuring that the concept can be read by anyone passing by as well as providing the elevation with a visual richness and rhythm in keeping with the general streetscape.

The operational solution involves locating the customer entry, exit and upper-level accommodation on the southern side of the store while the service and storage areas are located on the northern side.

Rising up from the basement parking level, from Camden Road and Kentish Town Road via a new pedestrian route, customers are led through a spacious top-lit mall towards the store entrance. The mall has at its hub a coffee shop, extensive landscaping and seating.

The workshop block on Kentish Town Road is designed as a double-height flexible space raised up on pilots to allow for

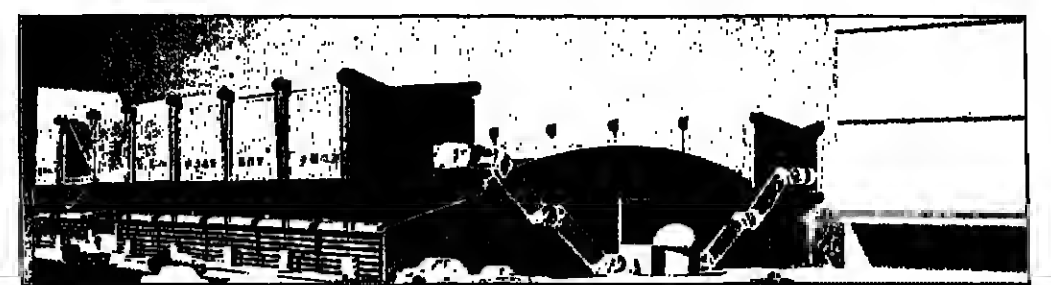
car parking and the passage of service vehicles at ground level. Service elements and ground-floor retail units are located to provide an entrance for the pedestrian route to the store.

Canalside houses, screening the loading and parking activity related to the store, are again designed in steel, aluminium and glass, maintaining the industrial look of the southern side of the canal. The houses include generously glazed, double-height studio living spaces which receive southern sunshine from reflective louvres.

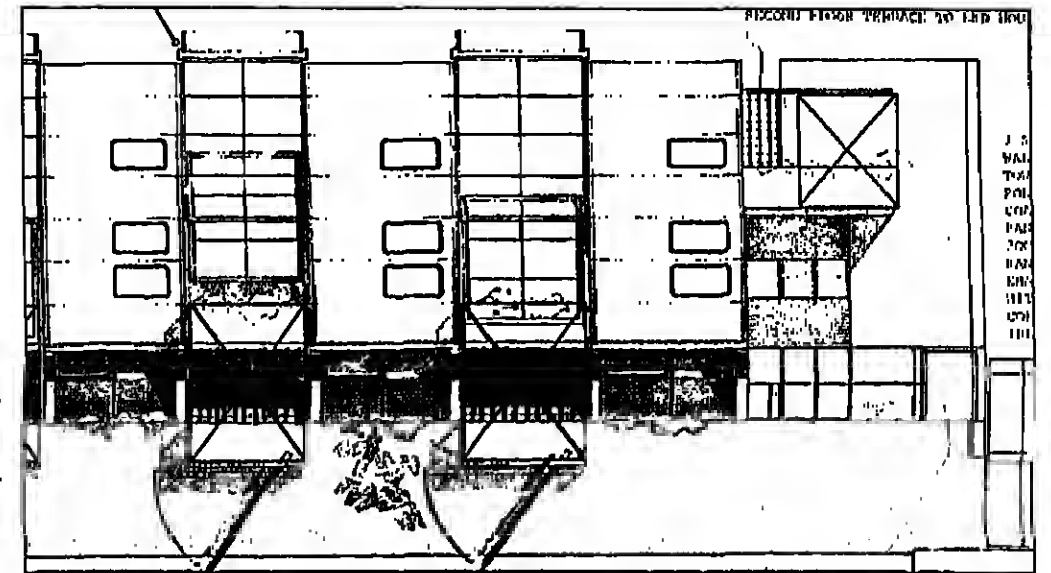
Land on the north side of the canal across from Grimshaw's terrace and previously owned by Sainsbury is now to be developed by Camden. Its architects department is to design a housing scheme set back from the south-facing canalside walk and landscaped gardens, and thereby continuing the incremental improvement of this run-down area.

The Grimshaw designs won detailed planning consent in May and were highly commended by the Royal Fine Art Commission as an "example of bold and enlightened patronage" and a "precedent for the future".

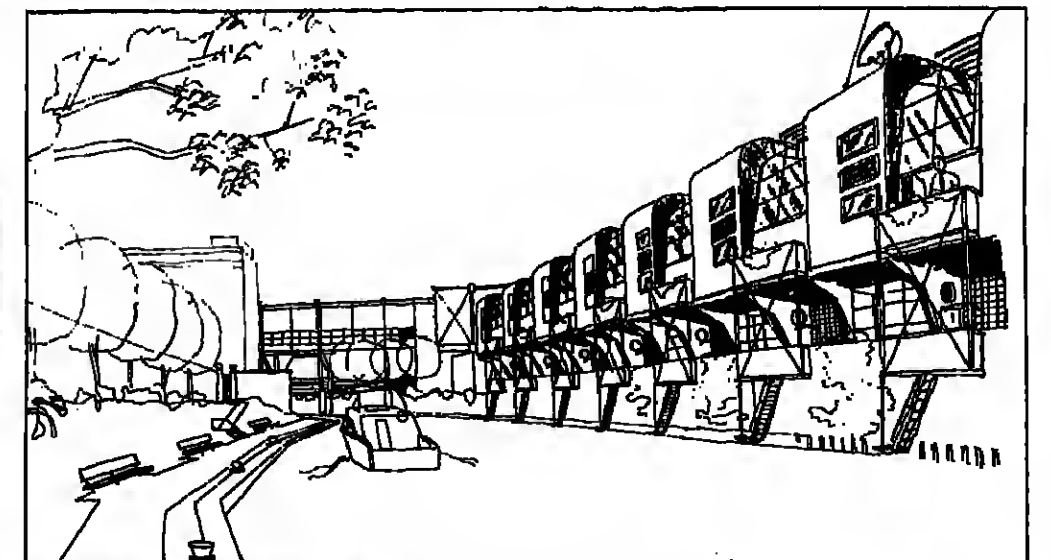
Completion date for the whole scheme is autumn 1988.



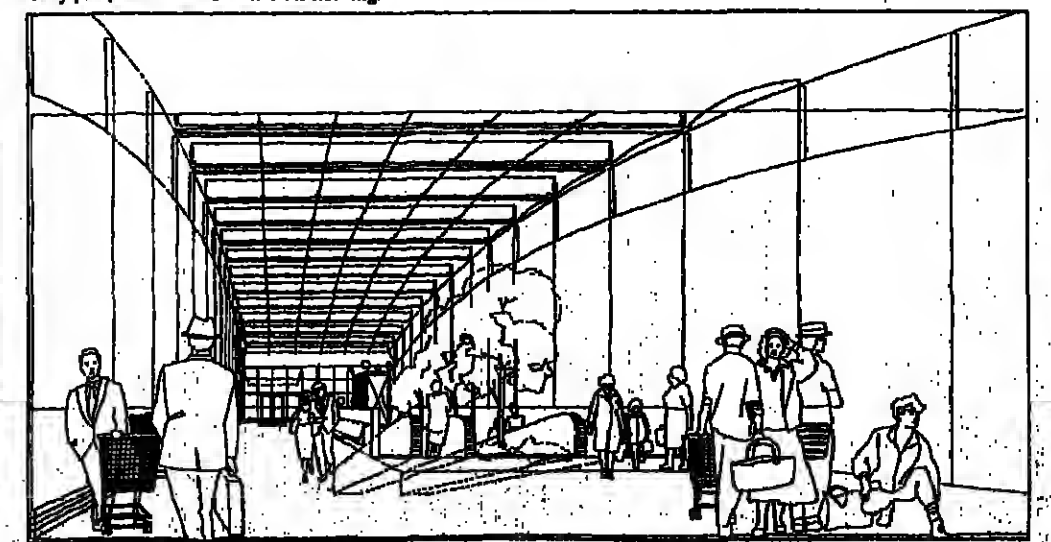
Site model viewed from across Camden Road.



Port elevation of canalside housing.



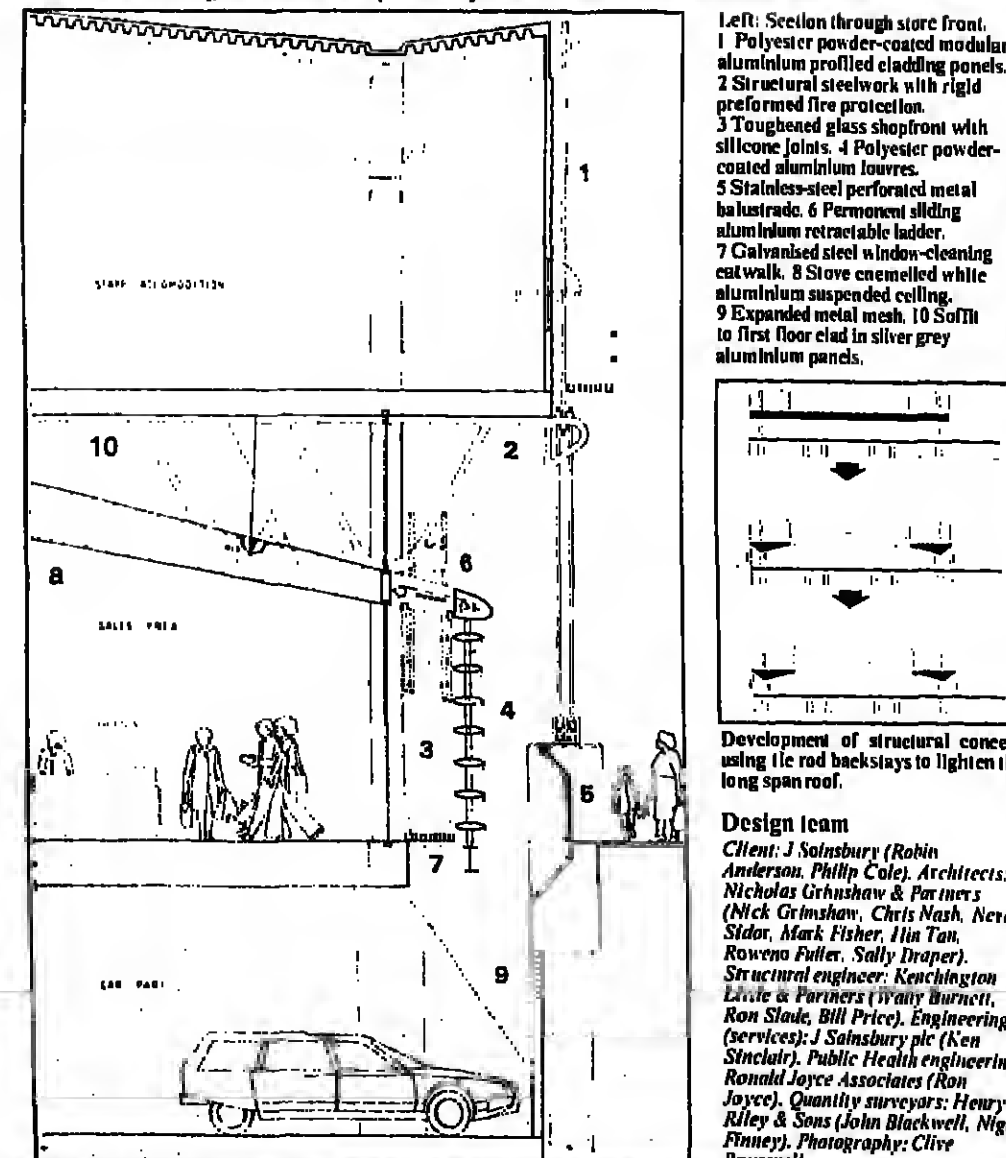
Early perspective view of canalside housing.



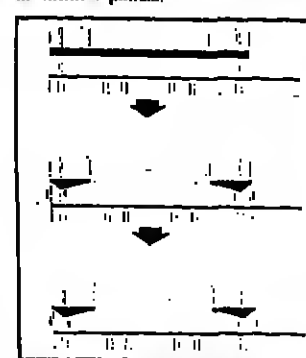
Perspective sketch of the entrance mall.



Elevation detail facing Camden Road on preliminary model.

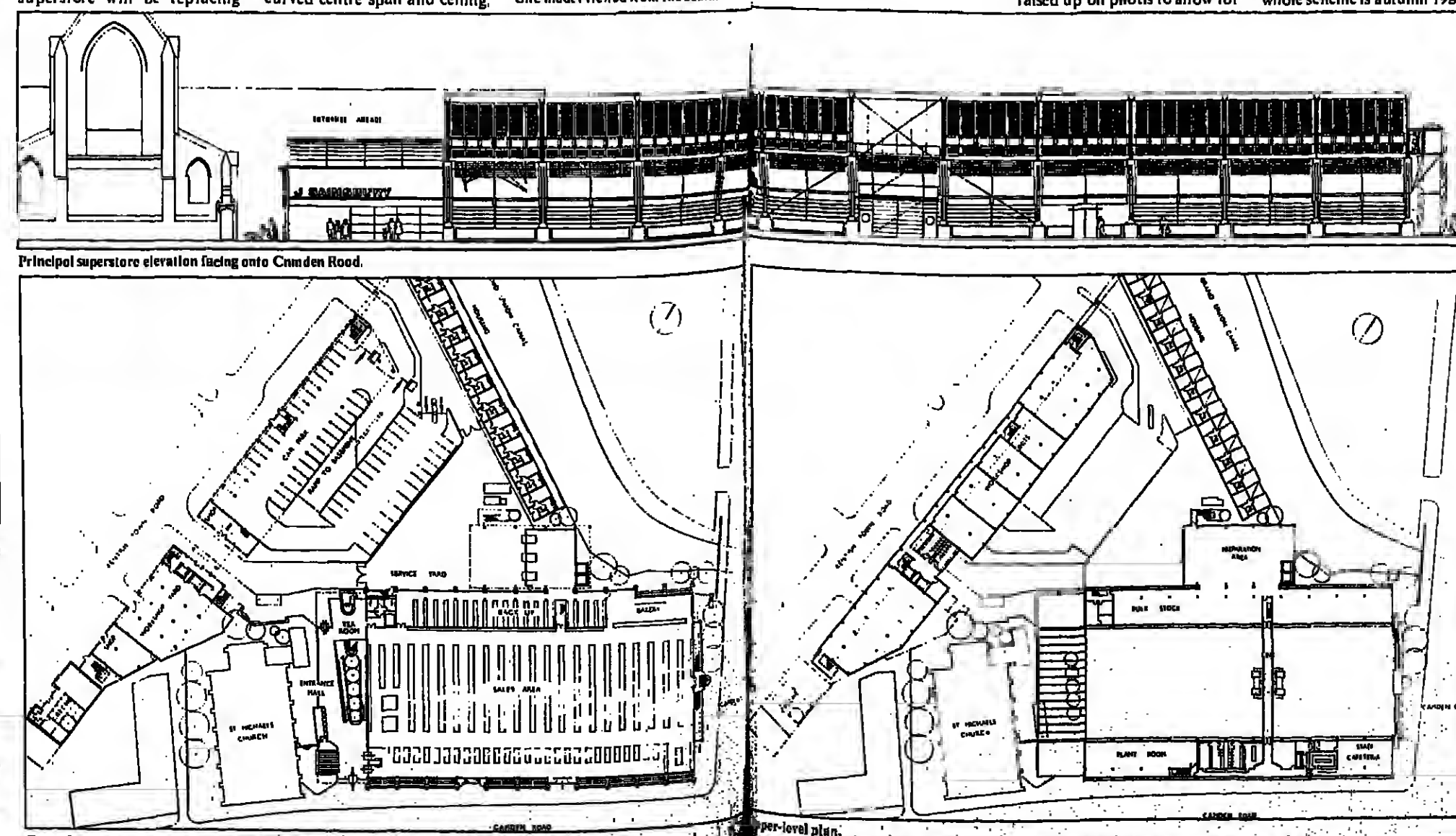


Left: Section through store front.
1 Polyester powder-coated modular aluminium profiled cladding panels.
2 Structural steelwork with rigid preformed fire protection.
3 Toughened glass shopfront with silicone joints.
4 Polyester powder-coated aluminium louvres.
5 Stainless-steel perforated metal balustrade.
6 Permanent sliding aluminium retractable ladder.
7 Galvanised steel window-cleaning catwalk.
8 Store cantilevered white aluminium suspended ceiling.
9 Expanded metal mesh.
10 Soft to first floor clad in silver grey aluminium panels.



Development of structural concept using tie rod backstays to lighten the long span roof.

Design team
Client: J Sainsbury (Robin Anderson, Philip Cole, Architects);
Nicholas Grimshaw & Partners (Nick Grimshaw, Chris Nash, Neven Sidor, Mark Fisher, Hui Tan, Rowena Fuller, Sally Draper).
Structural engineer: Kennington Little & Partners (Ivory Burnett, Ron Shinde, Bill Price). Engineering (services): J Sainsbury plc (Ken Sinclair). Public Health engineering: Ronald Joyce Associates (Ron Joyce). Quantity surveyors: Henry Riley & Sons (John Blackwell, Nigel Finney). Photography: Clive Boursnell.



Ground-floor plan; a basement level across the site incorporates extensive parking.

Basement level plan.

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SOUTH WEST FRANCES Flat in a small village in the Pyrenees, 15 miles from the Mediterranean. Beautifully landscaped garden. Sleeps 4. Cancellation week of 16-23 August. Please ring 01 540 6890.

NERJA Costa del Sol. Beautifully furnished 2 bedrooms/2 bathrooms flat. Sea facing balcony looks out over private swimming pool, 100 yards from beach. 5 minutes from town centre. Tel 0352 760318.

NORTH EAST Suffolk, charming converted stable. Outdoors quiet village. Two miles from the coast. Sleeps 2. Free electricity, heating and colour TV. Viewings Sept. onwards. Ideal for holiday. Ring 0202 730374 for details.

SOUTH NORFOLK or Essex, lovely converted barn. 5 beds, sleeps 8+2, central, c.v., c.h., 2 bath, luxury carpeted heated swimming pool. 10-18 Aug. 30th Aug-20th Sept. 22nd Sept. onwards. Also available Nov-Mar. For min. bookings of 3 nights. Tel 0379 39416 for further details.

ROOM TO LET in shared house with one other. Centrally heated, close Clapham, North Clapham, close Clapham. Phone 01 737 3356 evenings/weekends.

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WANTED Solicitor, Kent, solicitor or 2/3 and on for 100% share in a small business. Please contact in September. Tel 0222 682871 evenings.

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Dateline

Items for consideration must be received 10 days prior to publication

This week

Until August 16 (excluding Fridays and Sundays)
The history of the fine and decorative arts, courtesy of the Victoria & Albert Museum. Younger Victorians & Albert Museum. London SW7. 11am-4.30pm. Cost: £150.
Details: Angela Thurgood, Education Department, V&A Museum, London SW7 2RL. 01-589 6371.

Exhibitions

Until August 29
WH Playfair, architect to the modern Athens, exhibition organised by the Royal Incorporation of Architects in Scotland.
Venue: RIAS Gallery, 15 Rutland Square, Edinburgh. Monday-Friday 9.30am-5pm.
Details: Sandy Donaldson 031-229 7205.

August 9-31
Architecture at a price. Royal Fine Art Commission for Scotland exhibition of architecture.
Venue: 9 Athol Crescent, Edinburgh EH3 8HA. Every day 10am-4pm.
Cost: Admission free.
Details: 031-229 1109.

Until August 10
Rivendell yesterday and today exhibition.
Venue: Olympia, London W14. Details: 01-603 3141.

August 14-27
Exhibition of work from the department of Fine Craftsmanship and Design 86, organised by Ryegatewood College.
Venue: The Crypt of St George's Church, Bloomsbury, London. 10.30am-4.00pm.
Details: Ryegatewood College (084421) 2501/2/3.

Until August 14
The Diorama and other projects, exhibition of photographs, drawings and models by Alan Phillips Associates.
Venue: Second Floor Gallery, RIBA, 66 Portland Place, London W1, Monday-Friday 10am-6pm. Details: 01-580 5533 (ext 4335).

Until August 14
25 years of change 1961-1985
Brighton and Hove, Folmer and the Downs, an exhibition to celebrate the silver jubilee of the University of Sussex.
Venue: Brighton Polytechnic. Entry of art and design. Grand Parade, Brighton, Sat-4.30pm. Details: Lewin Cohen Urban Studies Centre, (0273) 673416.

August 15-September 30
Working with light, exhibition of stained glass.
Venue: Bostock Building Centre, 43 Queen's Street, Bristol. Details: (0272) 7272.

Until August 29
Summer exhibition of students work, University of Edinburgh.
Venue: University of Edinburgh, Department of Architecture, 20 Chambers Street, Edinburgh. Monday to Friday. Details: 031-667 1011 (ext 4535).

Until August 30
Summer show of the British Crafts Centre.
Venue: 43 Earlsfield Street, London WC2. Details: 01-836 6993.

Until the end of August
Five sculptors at work on the plaza around the Economist building. Five students from the Royal Academy schools will be making sculptures. Organised by the Public Art Development Trust in association with The Economist.
Venue: The Economist Plaza, 25 St James' Street, London SW1. Details: Michael Crimmin 01-837 6070.

Until September 2
Pierre Virent, exhibition organised



Until August 23
Parthenon 230 exhibition about the history of the house in West Dorset. Venue: National Theatre's Lyttelton Circle Foyer, South Bank, London SE1 9PX. Details: Julie Pitt 01-928 2033.

by Woodlands Art Gallery.
Venue: Woodlands Art Gallery, Mycenae Road, Blackheath, London SE3. Weekdays 10am-7.30pm, Saturdays 10-6, Sundays 2-6. Closed Wednesdays.
Details: Coffin Price 01-802 1100.

Until October 26
Life and landscape, P.H. Evans - art and photography to East Angles. Venue: The Sainsbury Centre, University of East Anglia, Norwich, Norfolk.
Details: Veronica Sekules (0603) 56361 (ext 2465).

Coming soon

September 10-11
The use of stone in building, course organised by the Standing Joint Committee on Natural Stone. Venue: Department of Adult Education, Vaughan College, St Nicholas Circle, Leicester. Cost: £45 per delegate, £15 for students registered with architectural schools.
Details: Mrs Penny (0533) 554 435.

September 15-16
Intelligent buildings, a conference organised by the Gottlieb Duttweiler Institute, Switzerland. Venue: Gottlieb Duttweiler Institute, CH 8803 Rüschlikon/ZH, Switzerland. Details: Dr T. Bernold or M.D. Kunz - Wecker 01-461 3716 Telex 55569 gdi.

September 15-19
Membrane structures and space forms, a symposium organised by the International Association for Shell and Spatial Structures and the Architectural Institute of Japan. Venue: Osaka, Japan. Details: IASS Organising Committee, 3-25-803 Dojima, Kita-Ku, Osaka 530, Japan.

September 17
Depreciation of commercial property, a one-day course organised by the College of Estate Management. Venue: The London Hilton, Park Lane, London, W1J 9AB. Cost: £120 including course materials, luncheon and refreshments. Details: College of Estate Management, White Knight, Reading, RG6 2AW. (01344) 61101 (ext 46 or 66).

People

Gordon Edworthy has been appointed managing director of Monk Damsel Associates in succession to Michael Dwyer who continues as group chief executive. Colin Colombo and Desmond Webb retired from the practice on June 30.

Goodfrey Reid is pleased to announce that Rob Rimmell has become an associate of the practice with effect from July 1.

Peter Clancy has joined McColl as business development manager for architecture.

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We are employment consultants who specialise in the placement of architectural, permanent and contract personnel. We have vacancies for Assistants/Technicians and Architects in London and Home Counties. For further details please phone Martin Harrison or Karen Spencer.

Renton Howard Wood Levin Partnership

RHWL

77 Endell Street
London WC2H 9AJ

INTERIOR DESIGNER

This major Architectural Practice requires an Interior Designer to join a rapidly growing group.

The applicant should have at least 5 years working experience. A background in office fitting-out projects considered an advantage.

Please apply with C.V., marking your application "Interior Designer" to Janette Payne at the above address.

CITY ARCHITECT'S DEPARTMENT ARCHITECTURAL TECHNICIAN

Post No. CA 49

Scale 3/B £B234-£9591 Career Grade (Pay award pending) Starting salary dependent upon qualifications and experience. The successful applicant will work under professional supervision and be responsible for or assist with production drawings and associated work in connection with the Authority's building programme. An appropriate O.N.C. or equivalent qualification together with a period of relevant experience is essential and experienced applicants with a relevant H.N.C. or equivalent will be an advantage. This is a career graded post, so someone with a relevant O.N.C./OND/TEC or other intermediate qualification and having 2 years relevant experience could expect a starting salary in the region of £B234.

In appropriate cases the successful applicant will be eligible for assistance with removal costs and relocation expenses. Application forms and further details are available from the City Manpower Officer, Municipal Offices, Trippett Street, George Street, Hull HU2 8AA. Tel: 222163 (when they should be returned by Friday 29th August, 1988).



Hull City Council

LISTER DREW & ASSOCIATES
CHARTERED ARCHITECTS
are expanding and urgently require the following staff in their additional new offices in Walton-on-Thames:

Young Architects

Architectural Technicians

with first class design ability
with experience and sound knowledge of building construction to work on offices, high tech, industrial and retail projects.

Apply with full C.V. and samples of work to:-

Ivan Mazila
Lister Drew & Associates
Springfield House
83 Chertsey Drive
Weybridge, Surrey
Tel. Walton-on-Thames 328961

Leicestershire

DEPARTMENT OF PROPERTY ARCHITECT (TEMPORARY APPOINTMENT)

£8,876 — £12,188 p.a.

A fully qualified Architect is required for period not exceeding 9 months to cover maternity leave.

Duties involve design and site supervision of public buildings, mainly schools and liaison with Services Engineers and Quantity Surveyors.

Applicants should have several years experience preferably within a local Authority environment and hold a current car driving licence.

The salary offered will be commensurate with qualifications and experience.

Application forms available from the Department of Property, County Hall, Glenfield, Leicester LE3 8RE.

Telephone Leicester 871313 ext. 7320.

Closing date: 20th August 1988.

EQUAL OPPORTUNITIES POLICY Applications are welcome from people regardless of their race, ethnic origin, religion, sex, marital status or disability. Disabled applicants will be guaranteed an interview if suitably qualified and experienced, and supported by a recognised agency e.g. A.D.R.

ARCHITECTURAL TECHNICIAN

minimum 3 years experience required in very busy practice in Loughton, Essex.
Please send details to:-

White & Miles
1 Connaught Avenue, Loughton, Essex IG10 4DR
Tel: 01-508 3834



MOXLEY, JENNER & PARTNERS

Senior Technicians — with at least 10 years commercial office experience required for production of major Thomas-ele scheme to work in Heymarket & Chelmsa offices.
Salary £13,000-£16,000

Write to: Alison Moxley, 1 Hobhouse Court, Suffolk St SW1Y 4HH

DIXON DEL POZZO

require QUALIFIED ARCHITECT

with minimum 2-3 years experience to work on variety of projects.

Apply in writing to:-

12 Huntingdon Street

St. Neots, Cambs PE19 1BD

Tel: 0450 75746

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URGENTLY REQUIRE

for numerous temporary and Permanent vacancies in London and the UK

ARCHITECTS TECHNICIANS ASSISTANTS AND INTERIOR DESIGNERS

Please contact in confidence David Patterson or Noreen McKeever, 88 Red Lion Street, London WC1R 4NA.
Tel: 01-405 8787

Appointments

Haverstock Associates ARCHITECT

Minimum 4 years experience. To work on a range of medium sized projects of all types. Good salary and conditions offered.

Write with C.V. to Sylvester Bone
10 Cliff Road Studios, London NW1 9AN.

ARCHITECTS • ASSISTANTS • TECHNICIANS & INTERIOR DESIGNERS

For Permanent or contract positions in London and the Home Counties.

Immediate well paid positions.
Please Visit, send CV or phone:

STEVE FOLEY at ACME APPOINTMENTS
315 OXFORD ST, LONDON W1R 9HH
TEL: 01-491 7222 or 01-493 4000



Assistant Borough Architect

£19,830—£21,660 p.a. inc.

+ travel allowance

A large Inner London Borough's more than just bricks and mortar. It's the people who live and work in it, too.

That's why just having a thorough technical knowledge of the planning and construction of housing, and of recreation, social services and civic buildings, simply isn't enough for Hammersmith and Fulham's new Assistant Borough Architect.

Though, of course, it is very important, as you will assume responsibility for an annual budget — currently £14 million, and rising considerably in the next year to over £20 million — to be administered over all these areas. To justify that level of responsibility, you'll need to be able to demonstrate extensive professional experience and a dedication to cost efficiency and programme control. And, as you'll be supervising the Borough's Technical Support Group, you'll also have to possess an aptitude for dealing successfully with consultants and with contract and technical procedures and policies.

We also expect you to be sensitive to the needs and requirements of all sections of the Borough's community, and you will have special responsibility for a Community Architect team, undertaking extensive refurbishment and urban renewal work in a major estate, and should be prepared to hear

in mind at all times the opinions and concerns of those who live and use the buildings, including elected

and residents' groups, with whom regular liaison will be necessary.

Hammersmith & Fulham is currently engaged in modernising and improving its old housing stock: repairing older estates to meet modern living requirements, and providing low rise housing developments, including a substantial number for people with special needs such as the elderly, the handicapped, and the mentally ill. We are also dedicated to providing new and improved leisure facilities throughout the Borough, such as the innovative and well-equipped Fulham Pools and White City Pools complexes. You should be able to show a commitment to all of these policies.

You are welcome to apply whatever your gender, race, colour, ethnic origin, nationality, sexual orientation, religious beliefs or practices, age up to 65 years or disability.

Application forms from London Borough of Hammersmith and Fulham (Personnel, Town Hall Extension, King Street, Hammersmith, W6 9JD, telephone 01-741 0904/124 hour answering service) quoting ref: AR001.

Closing date: August 22nd, 1988.



Hammersmith & Fulham

building for the Community

APPOINTMENTS

Montrose Architecture Our Success is Your Success

HOW MANY PRACTICES DO YOU KNOW?
Ten? Twenty? Fifty?

We know and do business with over 5,000 nationwide. We will arrange suitable interviews and give you all the information you need for success.

Central London — 01-828 6354

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Surrey. Sussex. Kent. S. London — 01-541 4474

S. Hants. Dorset. S. West — 0703 39036

Leading Care or Consultants to the Profession since 1958



R. K. FRANCES ASSOCIATES
Architects & Surveyors
Bradford, Exeter, Studley, Worthing
urgently require an
ARCHITECTURAL TECHNICIAN
to join their busy, cheerful Midlands team trying to cope with an expanding and varied workload.

Please apply in writing with C.V. to:-

D. J. Davis RIBA, R.K. Frances Associates, Haydon House,

Alcester Road, Studley, Works 880 7AN.

(Ref. A/463)

HALF FULL-TIME

Landscape Architects with professional experience of multi-disciplinary

teamwork in architecture and urban design are invited to apply. The

permanent post involves half the normal duties of full-time staff in return for half

remuneration.

(Ref. A/464)

Salary Scale £8595-£13654 (full-time)

For an application form, returnable by 2nd September 1988, and further

particulars send a self-addressed envelope, quoting the appropriate

reference number to the Secretary, Manchester Polytechnic, All Saints,

Manchester M13 6BH.

Manchester Polytechnic is an equal opportunities employer.

CARNELL GREEN PARTNERSHIP

urgently require in their Newcastle Upon Tyne Office

2 EXPERIENCED ARCHITECTS

Please write with C.V. to:

Carol Townsend at

St Nicholas Chambers

Amen Corner

Newcastle Upon Tyne

NE1 1RF

E.G.S. DESIGN

Chartered Architects

Manchester

require

ARCHITECTS

Applications are invited for qualified Architects with 3-5 years experience to take part in a wide range of projects in the Manchester office.

Applicants should apply in writing together with C.V. to:-

Mrs L. Blakeley

E.G.S. Design

St. James Buildings

Oxford Street

Manchester M1 6PQ

Technical Officer (Mechanical)

£9872-£10,284

The successful applicant will be required to join a team dealing with the repair and servicing and installation of new mechanical plant within the council's housing stock. The work will mainly involve the maintenance of major items of mechanical plant eg. boilers, pumps, heat exchangers, C.V. sets, fans, dry and wet risers, all usually located within the council's many tower blocks.

Applicants should have considerable relevant experience in boilers, plant and water services and some knowledge of controls. A qualification to HNC level or equivalent would be an advantage. Reference AST/650.

Chief Clerk of Works

£11,937-£12,861

Due to the impending retirement of the present postholder a vacancy exists in the Technical Division of the Director of Housing Services Department for a Chief Clerk of Works. Duties will include the programming, co-ordinating and overseeing of a team of fourteen Clerks of Works carrying out the usual functions for minor and major capital improvement, conversion and repairs of the Council's 21,000 housing stock together with planned day to day maintenance works in a very busy office. Reference AST/640.

Assistant/Building Surveyor

£8613-£12,861

The postholder will play a key role in providing a professional Building Surveying Service. He/she will act to resolve the wide ranging technical problems relating to a variety of housing types — from high and low rise system buildings to traditional pre-war cottage estates. Duties will include inspecting and surveying properties and liaising with and advising Architects, Contractors and other officers. Applicants should be studying for a professional qualification or be an Associate Member of the R.I.C.S. Reference AST/644.

Assistant/Quantity Surveyor

£9872-£12,297

This post offers an excellent opportunity for someone who wishes to gain valuable experience in a busy office in a pleasant atmosphere whilst studying to become a qualified Quantity Surveyor.

Duties include all the pre and post contractual elements of both Capital and Revenue schemes. The successful applicant will work in a small team headed by a Team Leader and under the direct control of the Chief Quantity Surveyor. Reference AST/647.

An equal opportunity employer

Assistant Technical Officers (3 Posts)

£8613-£9390

Applications are invited from enthusiastic persons with a desire to further develop their career to join a busy division dealing with all aspects of the wide field of building maintenance.

The post requires a good knowledge of construction, with the ability to identify building defects and be able to produce a specification of works. Reference AST/654.

Assistant Technical Officer (Services)

£8613-£9390

This post is in a team dealing with the repair, maintenance, upgrading and renewal of various types of mechanical and electrical services in the council's housing stock. Past experience in central heating or electrical installation design would be an advantage together with a relevant qualification. Reference AST/657.

Clerk of Works

£8613-£9390

Duties include the supervision of minor and major capital improvement, conversions and repairs of the council's housing stock and revenue maintenance works together with the usual functions carried out by a Clerk of Works in a busy office. Reference AST/661.

Application forms and further details available from Director of Housing Services, Technical Services Division, Carterhatch Depot, Carterhatch Lane, Enfield, Middx. Telephone 01-358 9356. Closing date 22.8.88.

London Borough of

Enfield

CONSERVATION ARCHITECT

Cardiff-based

The Welsh Office, CADW — Welsh Historic Monuments, is looking for a conservation architect to undertake the architectural and aesthetic control of works to ancient monuments in North Wales.

You must be a registered architect with several years' professional experience in the conservation field.

Starting salary will be between £11,745-£14,480 according to qualifications and experience. RELOCATION EXPENSES MAY BE AVAILABLE.

For an application form (to be returned by 29 August 1988) write to Civil Service Commission, Alencon Link, Basingstoke, Hants RG21 1JB or telephone Basingstoke (0256) 468551 (answering service operates outside office hours). Please quote ref: 176963.

The Civil Service is an equal opportunity employer

Welsh Office — Y Swyddfa Gymreig



THE JOHN LEWIS PARTNERSHIP

wishes to recruit

2 TEMPORARY ARCHITECTS

on 1 year contracts

The John Lewis Partnership is an expanding retail organisation employing over 30,000 people in 21 department stores and 80 Waitrose supermarkets, together with 3 major warehouses and 3 manufacturing units spread throughout the United Kingdom.

The Architects Department is part of a multi-disciplinary Building Directorate based in the West End of London. The work covers new buildings, and extensions and alterations to a wide range of building types.

Two qualified Architects are now required with a minimum of 5 years' post qualification experience and a sound knowledge of modern design and building techniques.

APPOINTMENTS

Westwood, Plet, Poole and Smart Require YOUNG QUALIFIED ARCHITECTS

to work in our London based Practice on a variety of projects. Experience of rehabilitation work an advantage.

Write with C.V. to:
Julian Luckett, 22 Suffolk Street, London SW1Y 4RG

ARCHITECT AND TECHNICIAN

RIBA/BAIT + 5 yrs experience with proven design-technical skills knowledge essential.

Small, lively office - prospects good for the self motivated with creative flair.

CV to: Design to Build, Rhodes House, 51 Leonardgate, Lancaster LA1 1NN.

TOP TECHNICIANS

1. SENIOR TECHNICIAN - W1 25-35
Senior professional with sound commercial experience to work on offices, banks and returns.

2. TECHNICIAN - SW7 30's
Experience in housing, returns and scheme design.

3. TECHNICIAN - CROYDON 23+
Familiar with building regulations and house drawings.

4. TECHNICIAN - ESSEX 20-25
Complete range of projects.

5. TECHNICIAN - HANTS 25-30
Various projects. To work under minimum supervision.

For further information and to discuss your application in confidence, please contact Mike Sheehan or write to:

Malla Architectural Appointments
334 Euston Road, London NW1 3BG

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SITES WANTED

retail or retail warehouse sites, with or without planning consent. Architects and Agents fully retained.

Also R.I.C.S. scale introductory fee to Architects and private individuals.

Premier Commercial Developments,
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Upheek, Hants GU30 7UU.

Tel: (0428) 792312.

NEWPORT BOROUGH COUNCIL
HOUSING AND ARCHITECTURAL SERVICES DEPARTMENT

GROUP ARCHITECT

Salary up to £15111 per annum (pay award pending)

Applications are invited for this post in the Architects section of the department of Housing and Architectural Services. The section comprises five Architects and eleven technicians headed by the Group Architect responsible to the Chief Architect for a varied range of work totalling over 25m per annum.

The successful candidate will be highly skilled in design, construction and site management and will also be an experienced manager, able to motivate staff, control costs and maintain tight programmes.

For an informal discussion about this post please contact Bernard Wyld, the Chief Architect, on extension 3360.

Application forms and outline job descriptions are available from the Personnel Section, Newport Borough Council, Civic Centre, Newport, Gwent, NP9 4UR (Tel: Newport 63491 Bxtn 2146) and should be returned by 27 August 1986.

NEWPORT BOROUGH COUNCIL IS AN EQUAL OPPORTUNITY EMPLOYER

UNIVERSITY OF ULSTER
Faculty of Art and Design

LECTURESHIP IN DESIGN

at Belfast
Ref: 84/137

To contribute to the teaching of Environmental Design, to participate in course development and administration, and to undertake research. Applicants should have a good honours degree, or equivalent qualification, in a relevant discipline, and should preferably have professional experience. Salary will be determined by age, qualifications and experience within the range £8,000-£15,000 per annum (under review).

Further details and application forms may be obtained from the Staffing Officer, University of Ulster at Jordanstown, Shore Road, Newtownabbey, Co Antrim BT37 0Q6 (telephone Whiteabbey 0831 65121, Ext 3823) to whom applications should be sent not later than 29 August 1986.

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the lindy austin partnership

ARCHITECTS PLANNERS INTERIOR DESIGNERS
HUNTER HOUSE SHARNFORD SEVEN CAMELS TELFORD CV12 2DZ

As a team we are required to become involved with all aspects of a large, exciting and varied workload, including OFFICES, HOUSING, BANKS, HOTELS, PUBS, RESTAURANTS AND SHIP INTERIORS.

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UNIVERSITY OF SURREY

CLERK OF WORKS

CLERK OF WORKS required to supervise buildings on which work is due to commence shortly. Previous experience is essential and a good working knowledge of mechanical and electrical services would be an advantage. The post could be full time or part time to fit in with other commitments.

Hours and salary by arrangement.

Further particulars are available from the University of Surrey, Guildford, Surrey GU2 5XH or by telephoning Guildford 509191.

Applications in the form of a Curriculum Vitae (2 copies) including the names and addresses of two referees should be sent to the Personnel Department.

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APPOINTMENTS

Temporary Architectural Technician/Architectural Assistant/Project Architect (20 mths) Salary £7920-£10636 p.a. (pay award pending)

to work on a wide range of Housing and General Works projects. The successful applicant will have shown ability to produce quick and accurate work, and will have good design sense. Architectural Technicians should either be undertaking or have completed course of study relative to obtaining a Higher National Diploma (Building), with a supplementary certificate in Building Technology for their recognised equivalent. Appointment on an Architectural Assistant to only available to a person undertaking a course of architectural study with a view to registration with A.R.C.U.K., and who has passed the Part I examination of the R.I.B.A. A person who is, or becomes, registered with A.R.C.U.K. would be appointed as a Project Architect on a salary grade SO1 £9876-£10636 p.a.

A Casual user Car Allowance is payable. The person appointed to this post will join an Authority that can offer modern office accommodation, flexible working hours, staff canteen, social club and car loan facilities on an £8234 p.a. and above. Consideration will be given to lodging allowance in appropriate cases.

Closing date: 29th August 1986. Interview date: 24th September 1986.

Application form and job description may be obtained from the Chief Personnel Officer, Council Offices, Military Road, Canterbury, Kent CT1 1YW. Telephone: Canterbury (0227) 451765 Ext. 4208.



CANTERBURY CITY COUNCIL

COUNCIL OF THE BOROUGH OF OSWESTRY Department of Planning and Technical Services TEMPORARY MAINTENANCE SURVEYOR (Scale 5-SO1)

In order to deal with a growing backlog of housing repairs, the Council has decided to appoint a Maintenance Surveyor who will be responsible for the inspection, scheduling and supervision of work to be carried out both by contractors and the Council's D.L.O.

Applicants must have a thorough knowledge of building construction and maintenance contract procedures, together with the ability to diagnose building faults, prepare specifications and deal with contract administration. A qualification as an Architect, Architectural Technician or Building Surveyor is also necessary.

The duration of the post will be dependent on the workload involved, but will be for a minimum of 12 months in the first instance. Further details and an application form are obtainable from the Chief Executive & Director of Finance, Castle View, Oswestry, Shropshire SY11 1JR. Telephone: 0691 654411. Closing date for applications: 29th August, 1986.

Dated 4th August, 1986
O.A. Towers, Chief Executive & Director of Finance

EAST HAMPSHIRE DISTRICT COUNCIL Technical Services Department SENIOR ASSISTANT ARCHITECT

Salary Grade S.O.2 (£10,950-£11,804 p.a.) (Pay Award Pending)

Applications are invited from qualified Architects with considerable all-round experience in current Local Authority Housing. The person appointed will initially be responsible for leading a small team carrying out the Council's current programme of new housing and other buildings. From time to time work will also involve design and supervision of improvements to and refurbishment of, existing housing stock and other buildings. The current capital programme of the Council is approx £4 million per year.

TECHNICAL ASSISTANT (SURVEYING)

(Re-advertisement)
Salary Grade Scale 6/6 (£7,920-£8,697/£8,876-£9,691 p.a.) (Pay Award Pending)

Applications are also invited for the above post which is in a small Surveying Group in the Architects Section. A suitably experienced Technical Assistant is required to prepare working drawings and specifications for a large number of varied projects. This will entail work to existing Council houses, sports and leisure centres, offices and works depot.

A car allowance will be paid and generous assistance given with removal and other expenses, in respect of both posts.

Application forms and Job Descriptions for both of the above posts are available from the Director of Technical Services, Penna Place, Dorset Road, Petersfield, Hants GU31 4EX. Tel: Petersfield 68551, Ext. 206, to whom they should be returned by Wednesday, 27th August, 1986.

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Please apply with C.V. and two references to:

Professor A E Weddle
50 Whitwell Court
Sheffield S11 9QA
Telephone: (0742) 359660

BOROUGH OF SOUTH TYNESIDE

DEPARTMENT OF ARCHITECTURE PRINCIPAL ASSISTANT ARCHITECT POJ £14,385-£15,453 p.a.

Applications are invited for the above post which is based within the Authority's Directorate of Technical Services.

We would envisage candidates being registered Architects with at least ten years' post-qualification experience.

Extensive Local Authority experience is considered necessary as the post holder will be delegated responsibility for part of the Council's Capital Programme from inception to completion.

Detailed knowledge of building types and legislation covering some of the following areas is essential: Education, Industrial, Social Services and Housing.

The appointed person would be expected to supervise allocated staff to achieve planned targets.

Application forms can be obtained from the Chief Personnel and Management Services Officer, Watson Hall, Watson Village, South Shields, Tyne and Wear (Telephone Tyne 4554965) and should be returned by Noon on Friday 28th August 1986.

PROJECT ASSISTANT GRADE SO1, £9,975 - £10,638 (Pay Award Pending) WESTERN LAKE DISTRICT

Copeland Borough Council, based in the Western Lake District, is looking to recruit a suitably qualified and experienced Project Assistant to join a small, but busy Architects Section in its Housing and Architectural Services Department.

The Department's work programme involves new build, repair and improvement of housing and public buildings. The successful candidate will work under the general direction of an Architect and have full responsibility for various projects from the initial feasibility study to producing drawings, specifications and contract documents, to on-site supervision.

Preference will be given to candidates with a minimum of five years' experience in construction and who have completed Part I RIBA or are members of A.I.A.T. (formerly S.A.T.), or have other equivalent qualifications.

The post attracts accommodation, removal expenses, disturbance allowances, a 35½ hour week with flexitime, car user allowance and car assisted purchase scheme.

For further information, contact John Fisher, Principal Architect, who would welcome a call on (0942) 3111.

Application forms and further details are available from the Personnel Section, PO Box 15, The Council Offices, Catherine Street, Whitehaven, Cumbria, CA28 7NY (Telephone: 0949 3111, Ext 227) Closing Date: 29 August 1986
P N CROSBY
Chief Executive

Matrix Design Group has two posts to fill:

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 - * ARCHITECT/ARCHITECTURAL WORKER — with an interest in development/leasehold work — design work — site supervision
- Our work includes raising and reviewing and a grant-aided service for community and housing groups.
- We are looking for workers who care about the quality of design and who have a wide range of experience, not only within architecture. Commitment to user control of design process and to working collectively is essential. Experience of working with the public and with community groups is an important advantage.
- Salary £10,800pa (equal pay pro rata) 20-26 hours per week.
- We regret that the office is not accessible for wheelchair users. Full access code in the description.
- Ring or write for application form (closing date 22nd Aug) Matrix, 8 Ombury Road, N10, tel: 01-248 7902.

tsa have temporary and permanent vacancies for experienced ARCHITECTS, ARCHITECTURAL ASSISTANTS & TECHNICIANS in London and surrounding areas

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Tel: 01-204 3993 (6 lines)

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Chris Carnell
5-6 Kendrick Mews, London SW7

MID SUFFOLK DISTRICT COUNCIL

Technical Services Department

Building Services Officer

Post No. T.44

Within Salary Scale 4/5/6 (£6900-£9591) + essential user allowance.

Applications are invited for the above post in the Architects Section of the Technical Services Department.

The successful candidate would be responsible for handling heating and electrical improvement contracts, as well as assisting in a services capacity on capital works schemes under the direction of the Principal Architect. He/she would be required to prepare drawings and specifications for contract purposes.

Applicants should have a minimum of five years' practical experience in contract management and drawing office practice, and have a working knowledge of domestic building installations.

The Architects Section is located in a fine 18th-century building in the pleasant rural town of Needham Market, some 8 miles from Ipswich. Parking and staff amenities provided within the grounds.

Application forms can be obtained from the Technical Department, Council Offices, Needham Market, Suffolk, IP24 2DL. Telephone (0449) 720711 Ext. 200. Closing Date: 5th September, 1986.

PETER MISHCON & ASSOCIATES

10-16 Rathbone Street
W1P 1AH

Have the following vacancies:

TECHNICAL ASSISTANT — with experience of specification, working drawings and site supervision in housing to work initially on a £3 million public sector inner city mansion block refurbishment scheme.

Design Architect — with flair and interior experience in estate housing to work primarily with a major housing developer mainly in docklands and Thamesmead.

ASSISTANT ARCHITECT — to work with the Associates at feasibility stages of projects and on a number of small projects at all work stages.

As a practice, we are now 10 years old and have a workload which spans both public and private sectors and includes inner-city housing, urban, renewal, commercial and mixed use buildings and designs. If you fit one of the above descriptions and feel you have something to contribute to the practice, please send your C.V. and an example of your work to Jill Fecar at the above address indicating which vacancy interests you.

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We urgently need an enthusiastic intelligent **SENIOR TECHNICIAN/ARCHITECT** interested in design and project administration for a variety of very exciting jobs in London and Cardiff. To work in a small very busy practice in amazing offices near Guildford/Working. Please send C.V. to: Lorna Ounif, Fiona Kimmings, 12 Victoria Square, LONDON, SW1W 0RE

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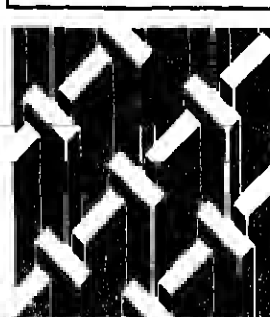
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please write with cv to:
Mr S Belchem RIBA
Architectural & Design Partnership,
Bridgefoot Farm, Kelvedon,
Colchester, Essex CO5 9SE.

Architect and Architectural Assistant/Technician

required for small but busy West End Practice. 5 years minimum experience a necessary for both posts. Apply in own hand writing to: O Lamb Esq., William Ryder & Partners, 31 Barton Street, Berkeley Square, London W1X 8BJ

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need a FULL TIME WORKER to set up a new information and architectural service providing advice on design issues affecting women and women's groups, local authorities and educational establishments in London. Workers will be expected to prioritise projects of relevance to black and ethnic minority women, and to other groups of women particularly disadvantaged by the current economic environment. Previous experience of working with women on issues relating to building design preferred. Job shares welcome at an other flexible working arrangements.

Full-time salary £11,000. London Boroughs Great Scheme funding until 31st March 87. Application forms and further information from Joe Roy, WDS, Interchange, 48 Wills Street, London W1R 4JG. Tel: 01-674 517 9411. Closing date 29th August 1986.

HOLFOR ASSOCIATES have openings for a young ARCHITECT

with not less than five years practical experience including work on site, to work in team in a small office in Canterbury on a variety of projects with a prospect of increasing responsibility. Must have a sound knowledge of construction, structural design and be able to drive and willing to travel to sites. Apply with C.V. to: Holford Associates, 45 Palace Street, Cambridge CB2 1RQ. Tel: 0223 8022

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with design ability and sound technical knowledge of industrial buildings required for small but innovative design office. C.V. plus sample drawings plus salary expectations to: Architectural & Town Planners, 73/77 Beccles Road, Salisbury SP1 1BN. Tel: 01245 3523

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